



LOCKS AND BUILDERS HARDWARE

Catalog No. 2

CORBIN LOCK Company of Canada Limited

Locks and
Builders' Hardware



DESIGNED in direct response to the expressed wishes of representative hardware men, we believe this new CORBIN Catalogue contains the most complete line of builders' hardware in existence. Numerous features have been incorporated which enable the catalogue user to find complete information about CORBIN products quickly and easily.

As new products appear, or as lines are changed from time to time, you will receive new pages for insertion in this binder. The careful hardware man will appreciate the importance of inserting such changes promptly and accurately in their proper place in order that this catalogue will continue to serve as a valuable, dependable aid to building more hardware business.

Corbin Lock Company of Canada Limited

BELLEVILLE

ONTARIO - CANADA

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Good

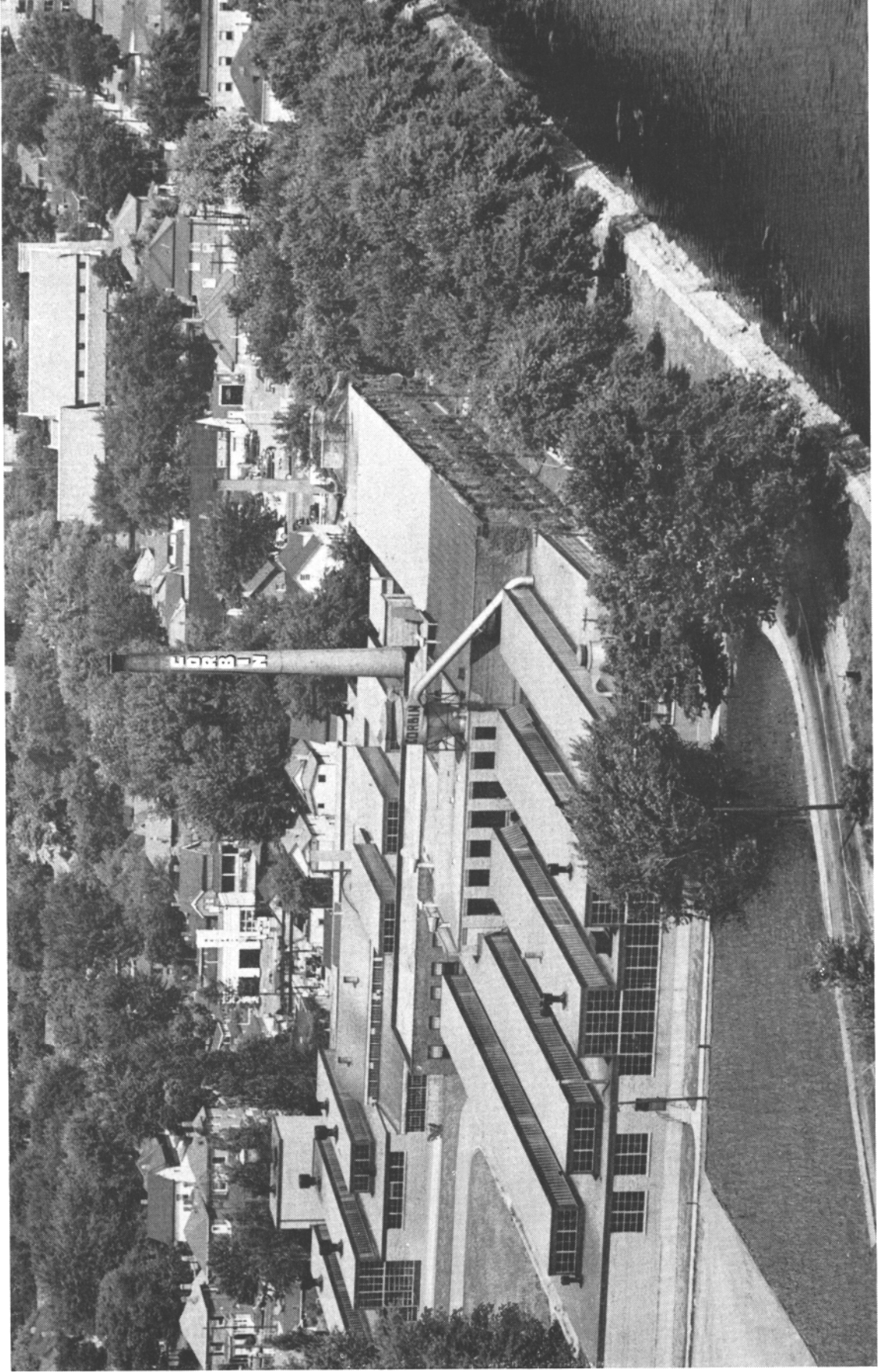
Buildings

Deserve

Good

Hardware





CORBIN LOCK COMPANY OF CANADA LIMITED, BELLEVILLE, ONTARIO

Established 1931.

The largest factory in the Dominion of Canada devoted exclusively to the manufacture of Locks and Builders' Hardware.

The Corbin Trade Mark



THE Corbin statement above is more than a slogan. It is a fact—a fundamental principle, the meaning of which is appreciated more and more daily. It not only expresses the ideal of Corbin design and workmanship, but it reminds the architect, builder, home owner and hardware dealer that the choice of hardware for the building is a feature that deserves careful thought and consideration.

"GOOD BUILDINGS DESERVE GOOD HARDWARE"—appears on every Corbin advertisement, on all Corbin circulars, catalogues, booklets, packages and instruction sheets. It has been translated into foreign languages and the Corbin Trade Mark is known in every foreign country. Corbin has steadily publicized the important fact that good hardware is an essential of a good building; the one complements the other.

"GOOD BUILDINGS DESERVE GOOD HARDWARE"—this statement to you as a Corbin Dealer has a definite value in terms of sales volume and profits. It is your privilege to enjoy a substantial share of the prestige which has been created by this trade mark. To gain the full advantages of this profitable, lasting tie-up for your store, we offer you many valuable forms of advertising co-operation. Colorful, artistic and well-written series of sales helps feature merchandise that you sell every day. They feature the Corbin Trade Mark too, and help to make home owners and builders decide.

Because Corbin advertising material is offered on such a liberal basis, its value is sometimes overlooked by individual dealers who could profit by it most. When you consider how carefully Corbin dealerships are allotted it is obvious that the use of specially prepared Corbin advertising material is bound to promote business right over your own counter.

Corbin, therefore, is not only the maker of a fine line of hardware products, but an organization so developed and perfected that through your association with it you can turn Corbin products into profits. For Corbin recognizes that only through co-operation with authorized dealers can products be merchandised—profitably and in large volume.

Corbin Lock Company of Canada Limited

BELLEVILLE

ONTARIO - CANADA

Numerical and Alphabetical Indexes

The first section of the catalogue contains alphabetical and numerical indexes covering every item in the line and showing the number of the page on which it can be found. As new items are added, additional index pages will also be furnished from time to time for insertion in the catalogue.

How to find catalogued items in the Price Book

A notation at the bottom of each page shows the Price Book Section in which its items are listed.

Weights and Measurements

The Weights given in this book are supplied as a guide in estimating transportation and tariff charges. They include the weight of the individual boxes and of any wrapping material, but do not include the weight of wooden cases, cartons or packing material. All weights are subject to ordinary variations of manufacture and to changes which may be made in methods of manufacturing.

The Measurements are subject to ordinary variations caused by grinding and finishing.

Template Goods

When so ordered, goods are made "to template," for use on hollow metal doors and other places where accurate measurements are required for mortising and reinforcements. Blue print templates are furnished showing exact dimensions of articles to be supplied.

Return of Goods. No goods will be accepted if returned without permission. Finished goods made to order and not carried in regular stock cannot be returned. All returned goods require inspection, repapering and repacking. Frequently it is necessary to refinish them due to damage done to the appearance through handling. All expense incurred in restoring the goods to their original saleable condition will be deducted from any allowance for credit.

Cancellations: After process of manufacture has begun, there can be no cancellation of orders for goods which are not carried in our stock. No cancellation of orders can be made without our consent.

Claims for Lost Goods. When goods are accepted by the carriers they cease to be our property and belong to the purchaser. Any claim for loss or damage in transit should be made by him.

Guaranty. We guarantee our product against fault in workmanship and material. Claims for defects must be made immediately upon receipt of the goods.

Corbin Scientific Packaging

Promotes Sales . . . Protects Products

For many years Corbin has given careful study and attention to the proper packaging of its products and the packing of shipments. Careful inspection is maintained to make certain that

every order will leave the plant in a safe and secure manner and arrive at its destination in the same good condition. Reproductions of Corbin package labels are shown below.



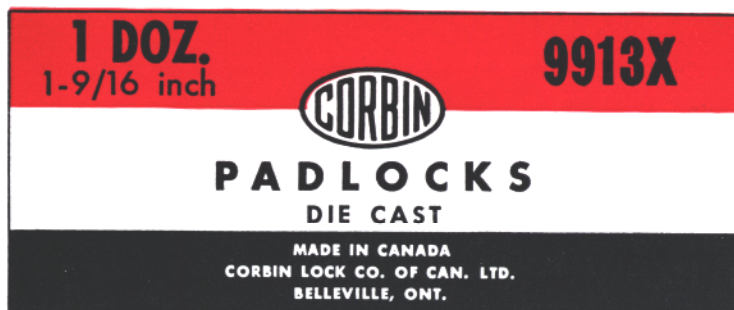
The "Red" Label Means Brass or
Bronze Metal



The "Blue" Label Means Iron or
Steel Metal



The "Green" Label Means
Aluminum Metal



The Red, White and Black Label Means
Cabinet Lock Hardware
Also furnished with "Red" Labels for Cabinet Locks.

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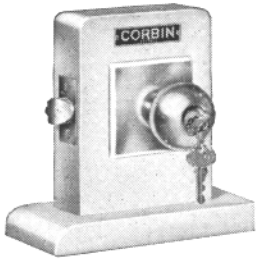
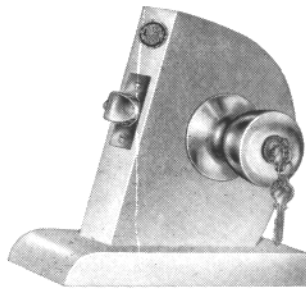
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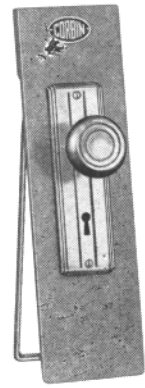
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Sample Mounts of Corbin Hardware

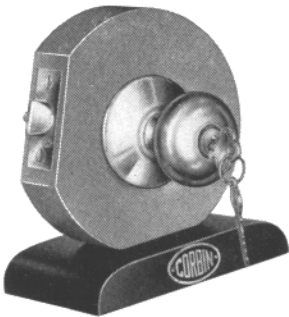
**K37****K40**

For use with Corbin Heavy Duty Cylindrical Locksets.

Height 8", Base 4" x 8".

**K31****K30**

Type of K29 and K32

**K38**

Type of K42

For use with Corbin Standard Duty Cylindrical Locksets.

Height 6 1/4".

Base 3 3/4" x 5 1/2".

K42 for use with Corbin Light Duty Cylindrical Locksets.

**K39**

For use with Corbin Light Duty Cylindrical Locksets.

10" high x 14" long x 4" wide.

Actual samples of CORBIN Hardware are the keynote to selling better quality at bigger profits. They have eye appeal—and enable the prospects to see the goods as they will appear when applied.

In this section are shown the standard type of sample mounts for Corbin Hardware products. Study the following pages carefully and make a selection of the display mounts you feel are needed in your store.

Successful hardware dealers find that good displays of actual hardware influence buying and save much time.

Type of **K2**

For mounting all Corbin Locksets. Sizes of blocks vary to suit the individual item and show it to best advantage.

Listing of Mounts Illustrated

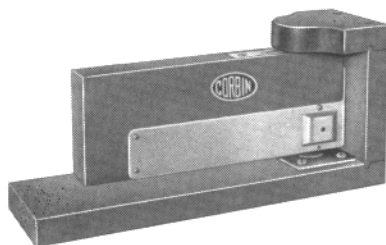
K29 to K32—These panels have easel backs and can be mounted with knobs, escutcheons, handles, push plates and other pieces obtainable in the following sizes:

No.	Type	Size
K29	Inside	9x3 1/2 in.
K30	Front Door	12x3 1/2 in.
K31	Sectional	15x4 1/2 in.
K32	Store Door	20x5 in.

LOCKSET BLOCKS

No.	Type	Size
K1	Inside	11 x 5 x 1 3/4 in.
K2	Inside Tubular	6 x 4 3/4 x 1 3/8 in.
K3	Front Door	16 x 5 x 1 3/4 in.
K4	Sectional Front Door	21 x 5 1/2 x 1 3/4 in.
K5	Store Door	24 x 5 1/2 x 1 3/4 in.
K7	Screen Door	8 x 3 1/2 x 1 1/8 in.

020 Sample Mounts of Corbin Products



K13

For Corbin Surface Floor Hinge
15 x 6½ x 4 in.

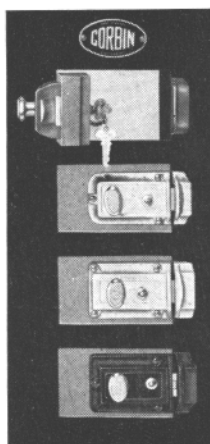


K11, K12

For Corbin Screen Door Closers
Nos. 17 and 21

K11 20 x 6½ x 6 in.

K12 22 x 9 x 4 in.



K16

K16 For Four Night Latches with
removable mounts.

19¾ x 9¼ x 1⅜ in.

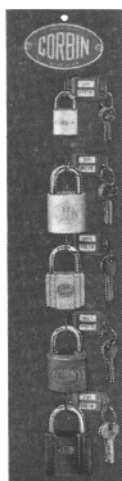


K10

Counter Demonstrator, Hinged
5 x 9 x 1⅜ in.

For Night Latches

Merchandizers

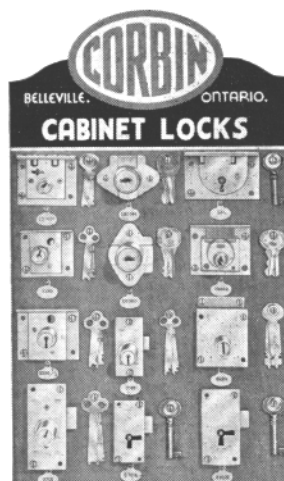


No. 70

PADLOCK BOARD

18 x 4½ in.

Mounted with one each
900, 904, 9913X, 9954, P95



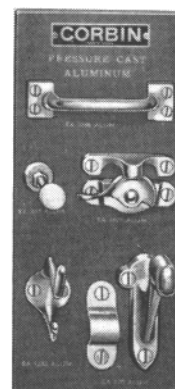
No. 50

CABINET LOCK BOARD

11¾ x 17¾ in.

Mounted with

Drawer	Cupboard	Wardrobe	Chest
590	02067	701B	34
592½		702B	0142P
0666		749	
699		750	
02066			



No. 60

**PRESSURE CAST ALUMINUM
HARDWARE**

10 x 4½ in.

Mounted with

EA 6396	Bar Lift
EA 6829	Sash Fastener
EA 6232	Hat and Coat Hook
EA 6170	Hand Rail Bracket
EA 6387	Door Stop

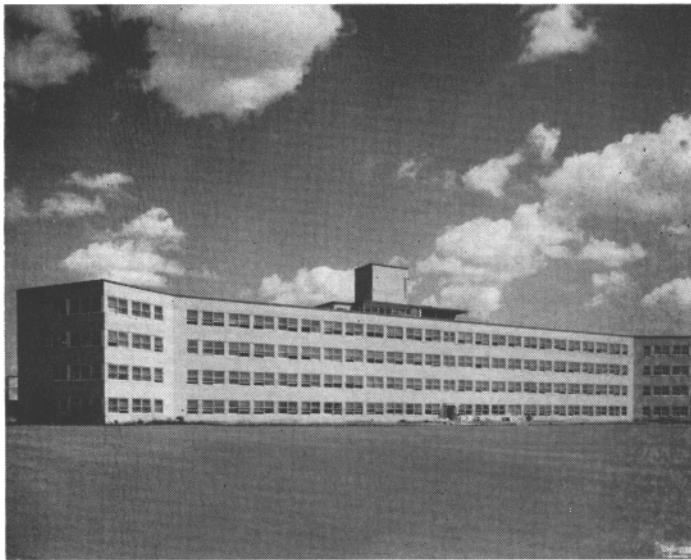
SAMPLE MOUNTS NOT ILLUSTRATED

No.	Type	Size	No.	Type	Size
K6	Door Bell	7½ x 5 x 1⅜ in.	K24	Push Bar	30 x 4 x ⅝ in.
K14	1446 Bar Bolt	6½ x 4½ x 1⅜ in.	K33	Flush Bolt	16 x 2½ x 1⅜ in.
K15	1447 Bar Bolt	7 x 5 x 1¾ in.	K34	Flush Bolt	12 x 2½ x 1⅜ in.
K22	Rimsets	11 x 5 x 1⅜ in.	K36	Panic Bolt	26½ x 26 in.
K23	Panic Bolt	30 x 15 x 1¾ in.	K41	Heavy Duty 5 in. B.S.	11¼ x 3¾ x 9 in.
			K43	"Defender" 5 in. B.S.	10 x 3¾ x 8½ in.

Good buildings

deserve

good hardware



Aberhart Memorial Hospital
Edmonton, Alberta



The Hong Kong & Shanghai Banking Corp.
Hong Kong, China



Federal Building
Victoria, British Columbia



Mount Sinai Hospital
Toronto, Ontario



Calgary General Hospital
Calgary, Alberta

Description of Finishes

1

Specify finish by prefixing finish symbol to catalogue number

FOR CAST AND WROUGHT BRONZE

Finish Symbol	Description	Finish Symbol	Description
Bronze Finishes		SKB	Statuary, Medium, Sanded
B	Natural Colour, Polished	R	Antique Copper
DB	Natural Colour, Dull	KF	Sanded, Dull Black
DBOR	Natural Colour, Dull, Oil Rubbed	Nickel Finishes	
KHB	Dull Bronze, Oxidized and Relieved Suitable only for ornamental goods Use DB for plain goods to match	E	Nickel Plated, Polished
KB	Statuary, Medium	DE	Nickel Plated, Dull
RKB	Statuary, Medium, Sanded, High Parts Polished Suitable only for ornamental goods Use SKB for plain goods to match	KE	Nickel Plated, Oxidized and Relieved Suitable only for ornamental goods Use DE for plain goods to match
		SKE	Nickel Plated, Oxidized and Relieved, Sanded
		Chromium Finishes	
		CR	Chromium Plated, Polished
		DCR	Chromium Plated, Dull

FOR CAST AND WROUGHT BRASS

Finish Symbol	Description	Finish Symbol	Description
A	Natural Color, Polished	HPE	Imitation Half Polished Iron, Hammered Suitable only for ornamental goods Use SKE for plain goods to match
EA	Natural Color, Dull		
KA	Oxidized and Relieved Suitable only for ornamental goods Use EA for plain goods to match		

BRASS AND BRONZE WITHOUT LACQUER

NICKELINE

Finish Symbol	Description	Finish Symbol	Description
NL	Indicates "No Lacquer." For example, DBNL	NK	Composition Cast White Metal, Highly Polished
		DNK	Composition Cast White Metal, Dull Finish

ALUMINUM

Furnished only on items described in catalogue as available in Aluminum metal.

Finish Symbol	Description	Finish Symbol	Description
AL	Roll Polished and Lacquered	EA	Brass Plated, Dull, Lacquered
*DA	Dull, Lacquered	DB	Bronze Plated, Dull, Lacquered
DL	Dull Satin, Alumilited	E	Nickel Plated
*	Kick Plates only		

Description of Finishes

Specify finish by prefixing finish symbol to catalogue number

FOR STEEL AND IRON

Japanned, Zinc, Coppered and Dead Black finishes are furnished only on articles so described in Catalogue and are applied to unpolished surface.

Finish Symbol	Description	Finish Symbol	Description
	Brass Plated Finishes		Miscellaneous Finishes
EA	Brass Plated, Dull	C	Copper (listed)
KA	Brass Plated, Oxidized and Relieved Suitable only for ornamental goods Use EA for plain goods to match	D	Dead Black (listed)
	Bronze Plated Finishes	J	Japanned (listed)
DB	Bronze Plated, Dull	G	Zinc (listed)
KHB	Dull Bronze, Oxidized and Relieved Suitable only for ornamental goods Use DB for plain goods to match	R	Antique Copper
	Nickel Plated Finishes	KF	Sanded, Dull Black
E	Nickel Plated, Polished (For Steel Only) For Cast Iron use DE	HPE	Imitation Half Polished Iron, Hammered Suitable only for ornamental goods Use SKE for plain goods to match
DE	Nickel Plated, Dull		For Door Closers Only
KE	Nickel Plated, Oxidized and Relieved Suitable only for ornamental goods Use DE for plain goods to match	AL	Aluminum Bronze
SKE	Nickel Plated, Oxidized and Relieved, Sanded	MR	Maroon Bronze
	*For Night Latches Only	PC	Prime Coat
DW	Black Wrinkle Japan	D	Dead Black
EAW	Dull Brass Wrinkle Japan		For Iron Exit Fixtures
HBW	Statuary Bronze Wrinkle Japan	EAL	Sprayed finish, to match EA (listed)
ALW	Aluminum Wrinkle Japan		

*NIGHT LATCHES 3A6 FURNISHED IN METALLESCENT FINISHES

Finish Symbol	Description	Finish Symbol	Description
EA	Brass	GM	Gun Metal
MR	Maroon Bronze	AL	Aluminum

Comparative Finish Symbols

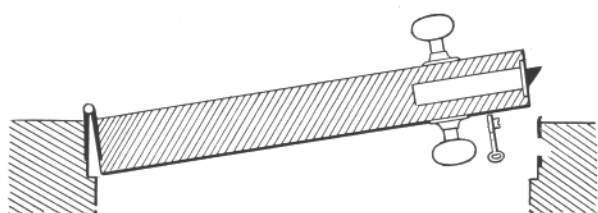
CORBIN WITH OTHER BUILDERS HARDWARE MANUFACTURERS

Corbin Lock Co. of Can. Ltd.	Belleville Lock Co. Ltd.	The Peterborough Lock Mfg. Co. Ltd.	Schlage Lock Co. of Can. Ltd.	The Stanley Works of Can. Ltd.	The Yale and Towne Mfg. Co.
B	Z1	1	9	A	BZ10
DB	Z3	4	10	A5	BY22
KHB	Z6	34	11	A4	BY21
KB	Z16	6	20	B4	BY25
A	R1	12	3	C	AZ10
EA	R3	13	4	F	AY22
KA	R6	15	5	F4	AY21
E	N1	30	....	N	NZ10
DE	N3	31	15	N5	NY10
KE	N6	32	15A	N3	NY21
CR	CM1	42	26	CM	DZ10
DCR	CM3	43	26D	CMD	DY10
NK	K1	33	25	NM	NZ40
DNK	K3	39	25D	NMD	Y40
HPE	HF	GB32	17A	Y3	NX56
KF	BN	40	19	H	BX90
DL	...	...	AL	...	...
R	R7	8	...	D2	CZ27
PC	...	...	...	PC	...
C	...	26	...	...	...
D	...	40	...	J1	DJ
J	J	17	...	J	J

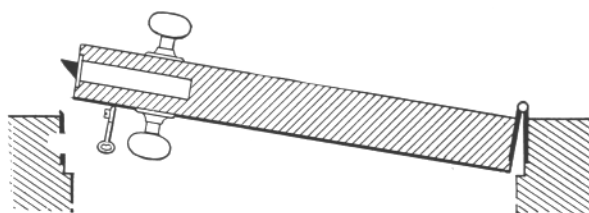
Handing of Doors and Windows

ALWAYS TAKE HANDINGS FROM OUTSIDE

Mortise or Rim Locks

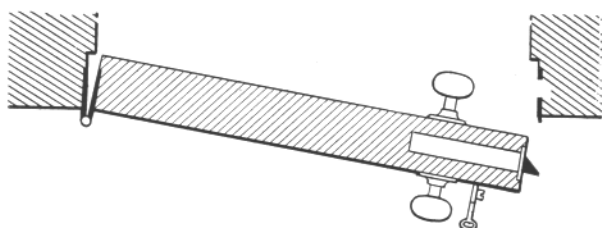


Left Hand Lock
(Door, left hand)

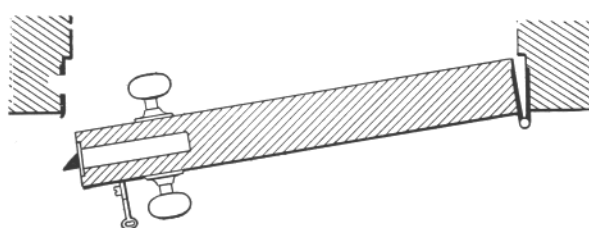


Right Hand Lock
(Door, right hand)

Outside



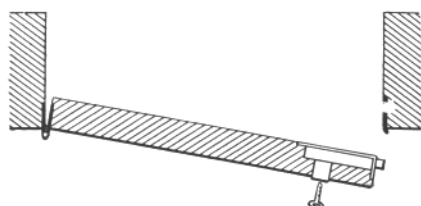
Left Hand Reverse Bevel Lock



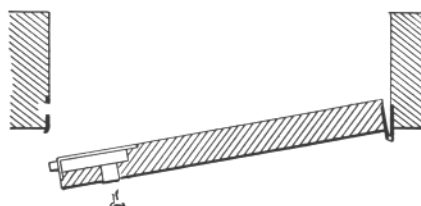
Right Hand Reverse Bevel Lock

Outside

Book Case or Cupboard



Left Hand Lock

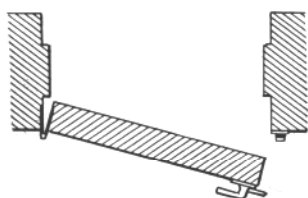


Right Hand Lock

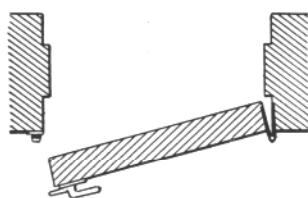
Outside

Book case and cupboard doors always open out, and the locks are regularly made with reverse bevel latch bolt; it is not necessary to specify reverse bevel.

Casement Windows

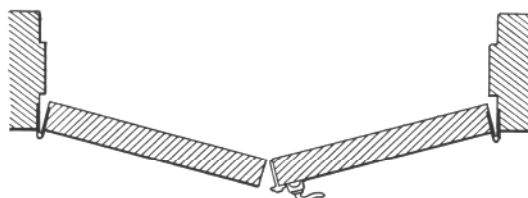


Left Hand



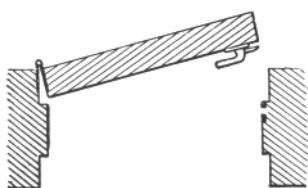
Right Hand

OPENING IN

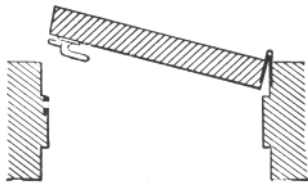


Left Hand

Right Hand

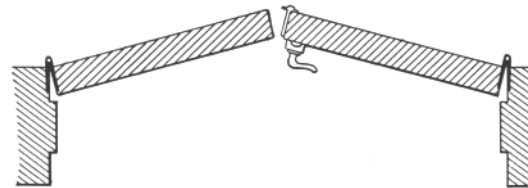


Left Hand



Right Hand

OPENING OUT



Left Hand

Right Hand

Casement windows are handed from inside and it is necessary to state whether they open in or open out.

Symbols

For use in specifying and ordering Corbin locks and builders' hardware

Affix symbol to number of item to which it applies

Symbol	Description	Symbol	Description
	Butts		Locks and Strikes
BT	Button Tip.	BS	Backset or distance from Front of Lock to center of Hub or Keyhole. State size.
FW	Fibre Washer.	BEV.	Bevel of Lock Front. State Bevel required. The usual Bevel is $\frac{1}{8}$ in 2 in.
NRP	Non Rising Pin.	CBX	Cast Box Strike. State Hand.
	Dummy Trim	PX	Protected Strike. State Hand and Thickness of Door.
DC	Dummy Cylinder.	PBX	Protected Box Strike. State Hand and Thickness of Door.
	Finishes	WBX	Wrought Box Strike.
	See pages 1 and 2.	AR	Armored Front.
	Hand of Doors	SLC	Strike Lip to center.
	See page 4.		Machine Screws
	Keys	MS	Furnish with Machine Screws.
MK	Master Key.		Template Work
SMK	Sub Master Key.	FULL TMS	Made to Template and furnished with Machine Screws.
G MK	Grand Master Key.	$\frac{1}{2}$ TMS	Made to Template and furnished with Machine Screws for Metal Frames with Wood Screws for Wood Door.
EM. K	Emergency Key.	ATMS	Arm only of Door Closer made to Template and furnished with Machine Screws.
	Knobs	STMS	Strike only made to Template and furnished with Machine Screws.
NOR	No Rose.	STWBX	Wrought Box Strike only to Template and furnished with Machine Screws.
PY	Knob Shank		
LH	Lever Handle		
SIMPLEX	Knob Shank		
TS	Screwless		
2KS	2 Knob Screws in Each Shank of Knobs		



BUTTS AND HINGES

LOOSE PIN BUTTS

TEMPLATE BUTTS

HALF SURFACE BUTTS

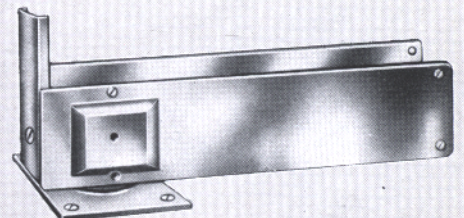
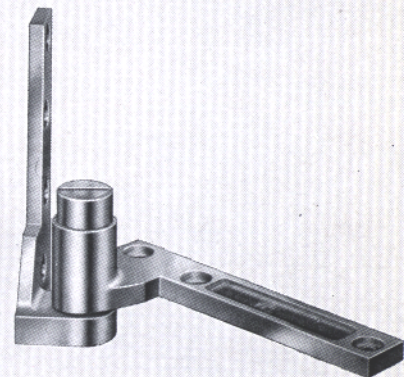
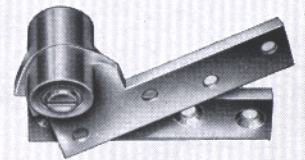
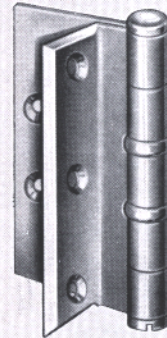
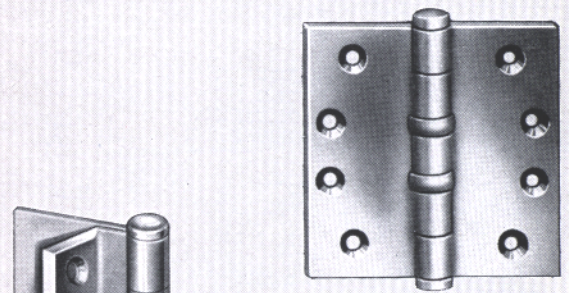
FULL SURFACE BUTTS

WROUGHT BRASS BUTTS

ADJUSTABLE
BALL BEARING PIVOT HINGES

SURFACE
FLOOR SPRING HINGES

GRAVITY
PIVOT HINGES





 INDEX OF

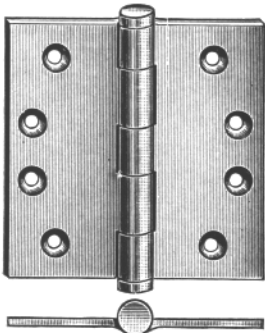
Butts, Hinges and Pivots

Item	Page
CABINET:	
Narrow	13
Middle	13
Broad	13
FLOOR HINGES	16
GRAVITY PIVOTS	17
HINGE PIVOTS, ADJUSTABLE	15
MORTISE:	
Half Mortise	12
Regular	9, 11
Template	10, 11
SURFACE:	
Full Surface	12
Half Surface	12

Loose Pin Butts

Heavy Wrought Brass or Bronze

Polished



80

Stainless Steel Bushed
Type of 80½
Not bushed

No. 80 and 180 can also be furnished wrought aluminum DL finish, when so ordered. Prefix DL to number.

Cold Rolled for toughness

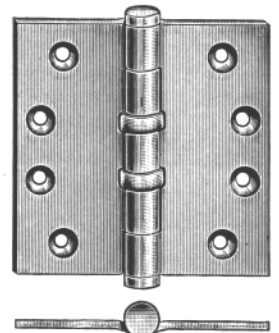
Non-rising Stainless Steel Pins

All edges square

Leaves beveled at Knuckles for close fit

Button tipped; Five Knuckles

Finished to match other Corbin Hardware



180, 180½

Two non-detachable
stainless steel ball bearings

Polished designates knuckles polished and buffed and each leaf buffed only.
Highly polished designates complete butt polished and buffed.

Number Polished	Number Highly Polished	Size Open Inches	Gauge of Metal	Wood Screws per Butt	Brass or Bronze Weight Pair Lbs.	Aluminum Weight Pair Lbs.	Packed in a Box, Pair
80½	80	3½ x 3½	.123	6-1 x10	1¼	¾	1
For Residential and other medium weight doors		4 x 4	.130	8-1 x12	1¾	⅞	1
		4½ x 4½	.138	8-1¼x12	2⅝	¾	1
		5 x 4	.146	10-1¼x12	2⅝	1⅜	1
		5 x 4½	.146	10-1¼x12	2⅞	1⅝	1
		5 x 5	.146	10-1¼x12	3⅞	1	1
		6 x 6	.160	10-1½x14	5⅞	1⅞	1
Number Polished	Number Highly Polished						
180½	180	3½ x 3½	.123	6-1 x10	1⅜	¾	1
For medium weight doors receiving average service and closer equipped doors		4 x 4	.130	8-1 x12	1⅝	½	1
		4½ x 4½	.138	8-1¼x12	2¼	1⅞	1
		5 x 4	.146	10-1¼x12	2⅞	⅞	1
		5 x 4½	.146	10-1¼x12	2⅞	1⅝	1
		5 x 5	.146	10-1¼x12	3⅞	1	1
		6 x 6	.160	10-1½x14	4⅝	1⅞	1

Size 4 x 4 and larger can be furnished with non-removable pin when door is closed, to order suffix "A" to number.
No. 180 4 x 4 and larger can be furnished with four ball bearing washers when so ordered at additional charge.

Packed with screws.

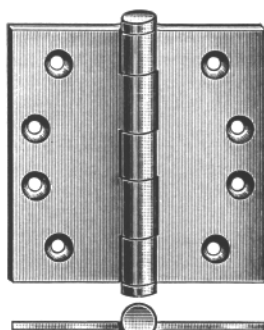
Specify number, size and finish. See pages 1 and 2.



Loose Pin Template Butts

Heavy Wrought Brass or Bronze

Polished

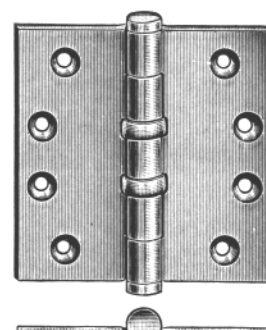


90

Stainless steel bushed
Type of 90½
Not bushed

No. 90 and 190 can also be furnished wrought aluminum DL finish, when so ordered. Prefix DL to number.

Cold Rolled for toughness
Non-rising Stainless Steel Pins
All edges square
Leaves beveled at Knuckles for close fit
Button tipped; Five Knuckles
Finished to match other Corbin Hardware



190, 190½

Two non-detachable
stainless steel ball bearings

Polished designates knuckles polished and buffed and each leaf buffed only.

Highly polished designates complete butt polished and buffed.

For wood doors and hollow metal frames specify ½ TMS

Number Polished	Number Highly Polished	Size Open Inches	Gauge of Metal	Machine Screws per butt	Brass or Bronze Weight Pair Lbs.	Aluminum Weight Pair Lbs.	Packed in a Box, Pair
90½	90	3½ x 3½	.123	6-½ x 10-24	1¼	¾	1
For medium weight hollow metal or wood doors and hollow metal frames		4 x 4	.130	8-½ x 12-24	1¾	⅞	1
		4½ x 4½	.138	8-½ x 12-24	2¼	1⅛	1
		5 x 4	.146	8-½ x 12-24	2⅝	1¾	1
		5 x 4½	.146	8-½ x 12-24	2⅜	7/8	1
		5 x 5	.146	8-½ x 12-24	3	15/16	1
		6 x 6	.160	10-½ x ¼-20	4⅛	1⅞	1
190½	190	3½ x 3½	.123	6-½ x 10-24	1¼	¾	1
For medium weight hollow metal or wood doors and closer equipped doors with hollow metal frames		4 x 4	.130	8-½ x 12-24	1⅝	½	1
		4½ x 4½	.138	8-½ x 12-24	2¼	1⅛	1
		5 x 4	.146	8-½ x 12-24	2⅞	1¾	1
		5 x 4½	.146	8-½ x 12-24	2¾	7/8	1
		5 x 5	.146	8-½ x 12-24	2⅝	15/16	1
		6 x 6	.160	10-½ x ¼-20	4¾	1½	1

Size 4 x 4 and larger can be furnished with non-removable pin when door is closed, to order suffix "A" to number. No. 190 4 x 4 and larger can be furnished with four ball bearing washers when so ordered at additional charge.

Packed with screws.

Specify number, size and finish. See pages 1 and 2.

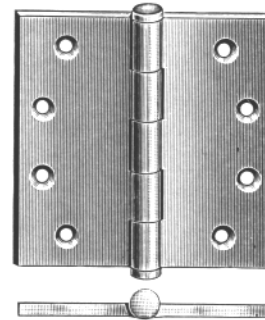


Loose Pin Butts

11

CAST IRON

Extra Heavy, Polished and Plated
Five Knuckles
Non-Rising Steel Pins
Button Tips



062, T062, 072

Number Plain	Number Polished	Size Open Inches	Grade	Wood Screws per Butt	Weight Pair Lbs.	Packed in a box, Pair
T062	062	3 x 3	Extra Heavy	6-1 x10	$\frac{3}{4}$	1
For wood doors and frames		4 x 4	Extra Heavy	8-1 $\frac{1}{4}$ x12	2 $\frac{5}{8}$	1
		4 $\frac{1}{2}$ x 4 $\frac{1}{2}$	Extra Heavy	8-1 $\frac{1}{4}$ x12	3	1
		5 x 5	Extra Heavy	8-1 $\frac{1}{2}$ x12	4 $\frac{5}{8}$	1
		5 $\frac{1}{2}$ x 5 $\frac{1}{2}$	Extra Heavy	8-1 $\frac{1}{2}$ x12	6	1

Can be furnished prime coat for painting when so ordered.

Packed with screws.

Loose Pin Template Butts

CAST IRON

For wood doors and hollow metal frames specify $\frac{1}{2}$ TMS

Number	Size Open Inches	Finish	Grade	Machine Screws per Butt	Weight Pair Lbs.	Packed in a box, Pair
072	4 x 4	Polished	Extra Heavy	8- $\frac{1}{2}$ x10-24	2 $\frac{5}{8}$	1
For hollow metal or wood doors and hollow metal frames	4 $\frac{1}{2}$ x 4 $\frac{1}{2}$	Polished	Extra Heavy	8- $\frac{1}{2}$ x12-24	3	1
	5 x 5	Polished	Extra Heavy	8- $\frac{5}{8}$ x12-24	4 $\frac{5}{8}$	1
	5 $\frac{1}{2}$ x 5 $\frac{1}{2}$	Polished	Extra Heavy	8- $\frac{5}{8}$ x12-24	6	1

Packed with screws.

Specify number, size and finish. See pages 1 and 2.



Loose Pin Butts

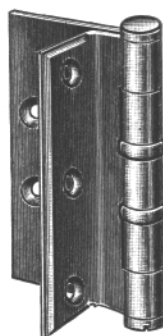
NON-RISING PIN

With Two Self-retaining Non-Detachable Ball Bearing Washers

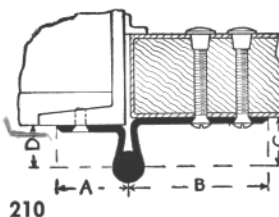
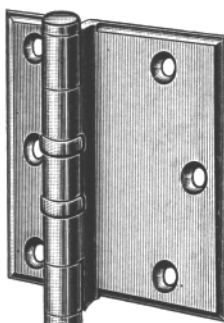
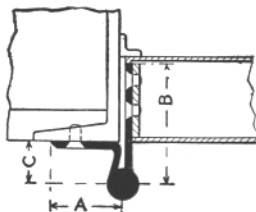
Five Knuckles

Furnished with Stainless Steel Pins and Stainless Steel Ball Bearings

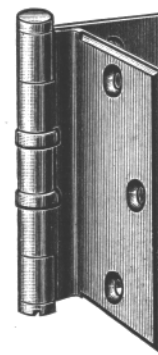
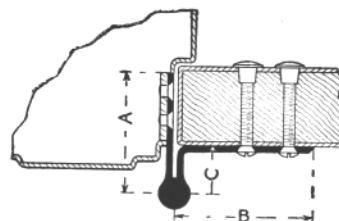
Button Tips



208



210



212
Type of 216

HALF MORTISE — To Template. For Hollow Metal Doors with Channel Iron Jambs

No.	Size	Material and Finish	A Width of Jamb Leaf	B Width of Door Leaf	Gauge of Metal	C Offset of Jamb Leaf	Quantity and Size of Machine Screws		Weight Pair with Screws
							Jamb Leaf	Door Leaf	
208	4½ in.	Heavy Wrought Brass or Bronze	1½ in.	2¼ in.	.138	13/16 in.	3-OH ½ x 12-24	4-FH ½ x 12-24	3 Lbs.
	5 in.	Polished Polished	1½ in.	2½ in.	.146	7/8 in.	4-OH ½ x 12-24	4-FH ½ x 12-24	3½ Lbs.

FULL SURFACE — To Template. For Kalamein Doors with Channel Iron Jambs

No.	Size	Material and Finish	A Width of Jamb Leaf	B Width of Door Leaf	Gauge of Metal	C Offset of Door Leaf	D Offset of Jamb Leaf	Machine Screws for Jamb Leaf	*Machine Screws and Grommet Nuts for Door Leaf	Weight Pair with Screws
210	4½ in.	Heavy Wrought Brass or Bronze	1½ in.	2⅞ in.	.138	1⅞ in.	1⅜ in.	3-OH ½ x 12-24	3-OH 2 x ¼-20	3 Lbs.
	5 in.	Polished Polished	1½ in.	2⅞ in.	.146	1 in.	2¼ in.	4-OH ½ x 12-24	4-OH 2 x ¼-20	3½ Lbs.

HALF SURFACE — To Template. For Kalamein Doors with Pressed Steel Jambs

No.	Size	Material and Finish	A Width of Jamb Leaf	B Width of Door Leaf	Gauge of Metal	C Offset of Door Leaf	Machine Screws for Jamb Leaf	*Machine Screws and Grommet Nuts for Door Leaf	Weight Pair with Screws
212	4 in.	Heavy Wrought Brass or Bronze	2 in.	2¼ in.	.130	11/16 in.	4-FH ½ x 12-24	3-OH 2 x ¼-20	3 Lbs.
	4½ in.	Polished	2¼ in.	2 9/16 in.	.138	¾ in.	4-FH ½ x 12-24	3-OH 2 x ¼-20	3 Lbs.
	5 in.	Polished	2½ in.	2 7/8 in.	.146	1 in.	4-FH ½ x 12-24	4-OH 2 x ¼-20	3½ Lbs.

HALF SURFACE — Non-Template. For Kalamein Doors with Kalamein Jambs

No.	Size	Material and Finish	A Width of Jamb Leaf	B Width of Door Leaf	Gauge of Metal	C Offset of Door Leaf	Wood Screws for Jamb Leaf	*Machine Screws and Grommet Nuts for Door Leaf	Weight Pair with Screws
216	4 in.	Heavy Wrought Brass or Bronze	2 in.	2¼ in.	.130	11/16 in.	4-FH 1¼ x 12	3-OH 2 x ¼-20	3 Lbs.
	4½ in.	Polished	2¼ in.	2 9/16 in.	.138	¾ in.	4-FH 1¼ x 12	3-OH 2 x ¼-20	3 Lbs.
	5 in.	Polished	2½ in.	2 7/8 in.	.146	1 in.	5-FH 1¼ x 12	4-OH 2 x ¼-20	3½ Lbs.

When so ordered above Butts can be furnished with pins which cannot be removed when door is closed. In ordering affix A to number, thus: 208A.

*If machine screws with grommet nuts are required longer than 2 in. order should so state.

One and one-half pair in a box, with screws.

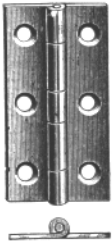
Specify number, size and finish. See pages 1 and 2.

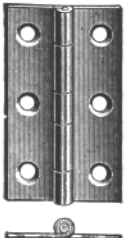


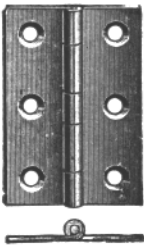
Wrought Brass Butts

13

STEEL PIN

Type	Size Length Inches	Width Open Inches	Gauge of Metal	Countersunk For Screws	Packed in a Box, Doz. Pairs	Weight per Box
 2 in.	NARROW					
	$\frac{1}{2}$	$\frac{1}{2}$	.027	0	24	1 $\frac{3}{4}$ Lbs.
	$\frac{3}{4}$	$1\frac{1}{16}$	.033	2	6	1 $\frac{1}{8}$ Lbs.
	1	$\frac{3}{4}$	.036	2	6	1 $\frac{3}{4}$ Lbs.
	$1\frac{1}{4}$	$2\frac{5}{32}$	.040	3	6	2 $\frac{1}{2}$ Lbs.
	$1\frac{1}{2}$	$\frac{7}{8}$	.040	4	6	3 $\frac{1}{4}$ Lbs.
	$1\frac{3}{4}$	1	.042	5	6	4 $\frac{3}{4}$ Lbs.
	2	$1\frac{1}{32}$	.045	5	6	5 $\frac{15}{16}$ Lbs.
	$2\frac{1}{2}$	$1\frac{7}{16}$	.052	6	3	5 $\frac{1}{2}$ Lbs.
	3	$1\frac{5}{8}$	.062	8	1	2 $\frac{7}{8}$ Lbs.

Type	Size Length Inches	Width Open Inches	Gauge of Metal	Countersunk For Screws	Packed in a Box, Doz. Pairs	Weight per Box
 2 in.	MIDDLE					
	$\frac{1}{2}$	$\frac{9}{16}$	.027	0	24	2 Lbs.
	$\frac{3}{4}$	$\frac{3}{4}$	.033	2	6	1 $\frac{1}{16}$ Lbs.
	1	$\frac{7}{8}$	.036	3	6	1 $\frac{7}{8}$ Lbs.
	$1\frac{1}{4}$	$\frac{7}{8}$	.040	4	6	2 $\frac{3}{4}$ Lbs.
	$1\frac{1}{2}$	$1\frac{1}{32}$	.040	4	6	3 $\frac{3}{4}$ Lbs.
	$1\frac{3}{4}$	$1\frac{1}{16}$	.042	5	6	5 Lbs.
	2	$1\frac{3}{16}$	.045	5	6	6 $\frac{7}{16}$ Lbs.
	$2\frac{1}{2}$	$1\frac{5}{8}$	.052	6	3	5 $\frac{7}{8}$ Lbs.
	3	$1\frac{3}{4}$	.062	8	1	3 $\frac{1}{8}$ Lbs.

Type	Size Length Inches	Width Open Inches	Gauge of Metal	Countersunk For Screws	Packed in a Box, Doz. Pairs	Weight per Box
 2 in.	BROAD					
	$\frac{1}{2}$	$\frac{5}{8}$	.027	0	24	2 $\frac{1}{4}$ Lbs.
	$\frac{3}{4}$	$\frac{7}{8}$	.033	3	6	1 $\frac{5}{16}$ Lbs.
	1	1	.036	3	6	2 $\frac{1}{16}$ Lbs.
	$1\frac{1}{4}$	$1\frac{1}{32}$	.040	4	6	3 Lbs.
	$1\frac{1}{2}$	$1\frac{1}{4}$	.040	4	6	4 $\frac{3}{8}$ Lbs.
	$1\frac{3}{4}$	$1\frac{5}{16}$	.042	5	6	5 $\frac{3}{4}$ Lbs.
	2	$1\frac{3}{8}$	.045	5	6	7 $\frac{1}{2}$ Lbs.
	$2\frac{1}{2}$	$1\frac{3}{4}$	.052	6	3	6 $\frac{3}{8}$ Lbs.
	3	2	.062	8	1	3 $\frac{3}{8}$ Lbs.

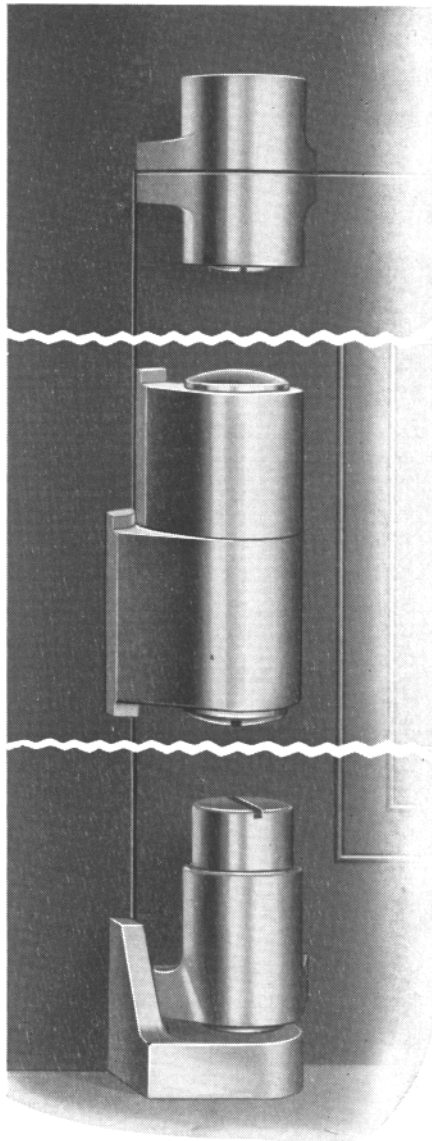
Packed without screws.

Specify Size



Adjustable Ball Bearing Pivot Hinges

PATENTED



The Corbin Ball-Bearing Pivot Hinge is truly anti-friction. Thrust and radial loads are taken care of by separate bearings. The door weight is carried on hardened steel races and precision steel balls, while the radial loads are taken by long roller bearings. Both the ball thrust bearings and the roller radial bearings contain a liberal supply of lubricant and are completely housed. Long, trouble-free life is assured.

The Corbin Ball-Bearing Intermediate and Bottom Pivot Hinges are adjustable to permit raising and lowering the door.

The Bottom Pivot Hinge is provided with a threaded cap and moisture-proof gasket to keep water and dirt from the bearings.

They are made of the finest quality of cast bronze or malleable iron. The pins on which are carried both thrust and radial loads are of high manganese steel with an extra-deep pack hardened case to guard against spalling or brinelling. The balls in the thrust bearings are of the highest quality obtainable, thus ensuring the carrying of the weight of the door on all of the balls instead of on just a few.

The use of the roller bearings to take the radial loads provides load distribution over a large projected area.

The weight of the door automatically locks the adjusting screw of the Bottom Pivot Hinge so that the swinging of the door cannot change the adjustment.

The adjustment of the Intermediate Pivot Hinge cannot change once it is set.

All corners of the mortised portions are square, simplifying mortising operations.

Corbin Pivot Hinges may be used in various combinations to hang the door to suit different requirements.

1. Top and bottom pivot hinges.
2. Top, bottom, and intermediate.
3. Top, with the intermediate type located near the bottom of the door.
4. Bottom, with the intermediate type located near the top of the door.
5. Two or more of the intermediate type.

A Top and a Bottom Pivot Hinge will safely handle the average door.

For doors of extra height or width or of unusual weight the additional use of one or more Intermediate Pivot Hinges is recommended.

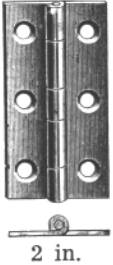
Consult us for specifications to take care of unusual conditions.

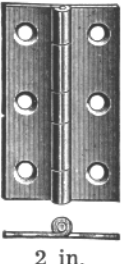


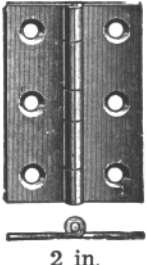
Wrought Brass Butts

13

STEEL PIN

Type	Size Length Inches	Width Open Inches	Gauge of Metal	Countersunk For Screws	Packed in a Box, Doz. Pairs	Weight per Box
 <p>2 in.</p>	NARROW					
	1/2	1/2	.027	0	24	1 3/4 Lbs.
	3/4	1 1/16	.033	2	6	1 1/8 Lbs.
	1	3/4	.036	2	6	1 3/4 Lbs.
	1 1/4	25/32	.040	3	6	2 1/2 Lbs.
	1 1/2	7/8	.040	4	6	3 1/4 Lbs.
	1 3/4	1	.042	5	6	4 3/4 Lbs.
	2	1 1/32	.045	5	6	5 15/16 Lbs.
	2 1/2	1 7/16	.052	6	3	5 1/2 Lbs.
	3	1 5/8	.062	8	1	2 7/8 Lbs.

Type	Size Length Inches	Width Open Inches	Gauge of Metal	Countersunk For Screws	Packed in a Box, Doz. Pairs	Weight per Box
 <p>2 in.</p>	MIDDLE					
	1/2	9/16	.027	0	24	2 Lbs.
	3/4	3/4	.033	2	6	1 3/16 Lbs.
	1	7/8	.036	3	6	1 7/8 Lbs.
	1 1/4	7/8	.040	4	6	2 3/4 Lbs.
	1 1/2	1 1/32	.040	4	6	3 3/4 Lbs.
	1 3/4	1 1/16	.042	5	6	5 Lbs.
	2	1 3/16	.045	5	6	6 7/16 Lbs.
	2 1/2	1 5/8	.052	6	3	5 7/8 Lbs.
	3	1 3/4	.062	8	1	3 1/8 Lbs.

Type	Size Length Inches	Width Open Inches	Gauge of Metal	Countersunk For Screws	Packed in a Box, Doz. Pairs	Weight per Box
 <p>2 in.</p>	BROAD					
	1/2	5/8	.027	0	24	2 1/4 Lbs.
	3/4	7/8	.033	3	6	1 5/16 Lbs.
	1	1	.036	3	6	2 1/16 Lbs.
	1 1/4	1 1/32	.040	4	6	3 Lbs.
	1 1/2	1 1/4	.040	4	6	4 3/8 Lbs.
	1 3/4	1 5/16	.042	5	6	5 3/4 Lbs.
	2	1 3/8	.045	5	6	7 1/2 Lbs.
	2 1/2	1 3/4	.052	6	3	6 3/8 Lbs.
	3	2	.062	8	1	3 3/8 Lbs.

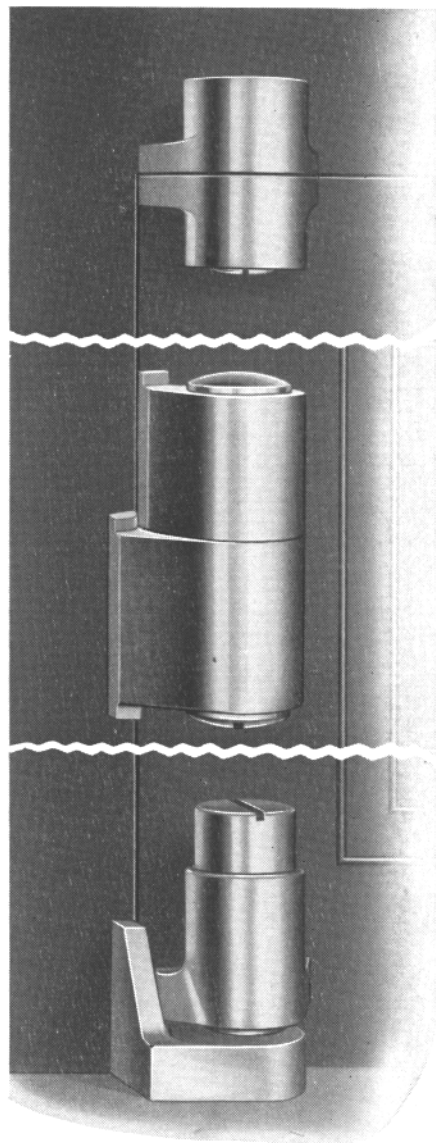
Packed without screws.

Specify Size



Adjustable Ball Bearing Pivot Hinges

PATENTED



The Corbin Ball-Bearing Pivot Hinge is truly anti-friction. Thrust and radial loads are taken care of by separate bearings. The door weight is carried on hardened steel races and precision steel balls, while the radial loads are taken by long roller bearings. Both the ball thrust bearings and the roller radial bearings contain a liberal supply of lubricant and are completely housed. Long, trouble-free life is assured.

The Corbin Ball-Bearing Intermediate and Bottom Pivot Hinges are adjustable to permit raising and lowering the door.

The Bottom Pivot Hinge is provided with a threaded cap and moisture-proof gasket to keep water and dirt from the bearings.

They are made of the finest quality of cast bronze or malleable iron. The pins on which are carried both thrust and radial loads are of high manganese steel with an extra-deep pack hardened case to guard against spalling or brinelling. The balls in the thrust bearings are of the highest quality obtainable, thus ensuring the carrying of the weight of the door on all of the balls instead of on just a few.

The use of the roller bearings to take the radial loads provides load distribution over a large projected area.

The weight of the door automatically locks the adjusting screw of the Bottom Pivot Hinge so that the swinging of the door cannot change the adjustment.

The adjustment of the Intermediate Pivot Hinge cannot change once it is set.

All corners of the mortised portions are square, simplifying mortising operations.

Corbin Pivot Hinges may be used in various combinations to hang the door to suit different requirements.

1. Top and bottom pivot hinges.
2. Top, bottom, and intermediate.
3. Top, with the intermediate type located near the bottom of the door.
4. Bottom, with the intermediate type located near the top of the door.
5. Two or more of the intermediate type.

A Top and a Bottom Pivot Hinge will safely handle the average door.

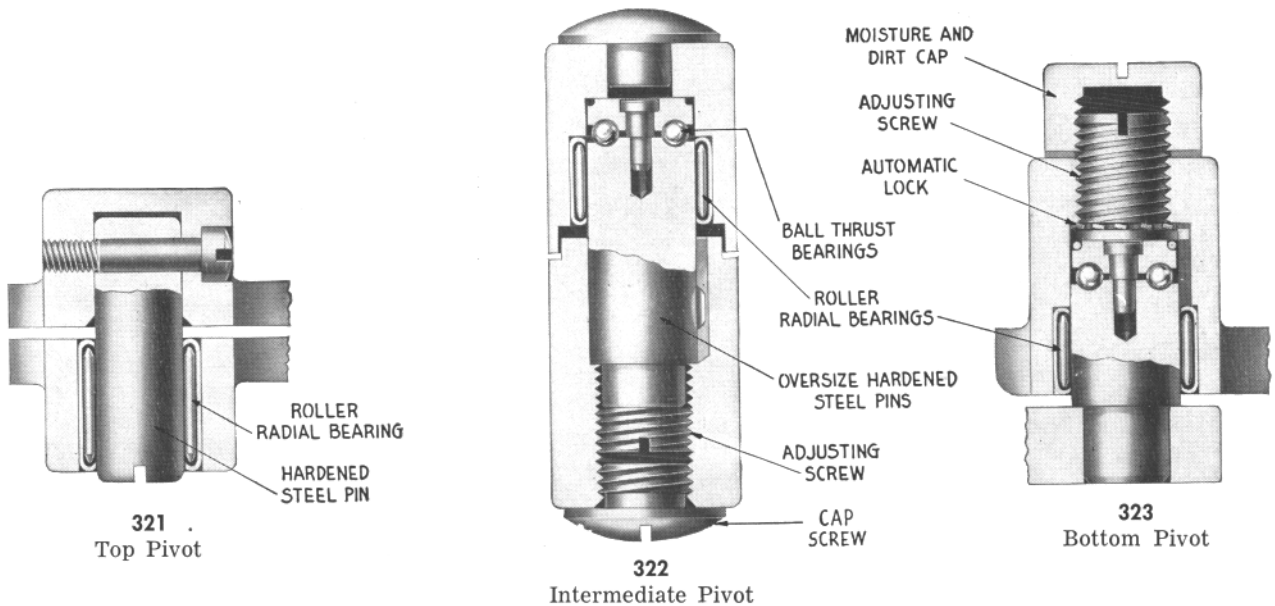
For doors of extra height or width or of unusual weight the additional use of one or more Intermediate Pivot Hinges is recommended.

Consult us for specifications to take care of unusual conditions.



Adjustable Ball Bearing Pivot Hinges 15

PATENTED



No.	Type of Pivot	Material and Finish	Type of Bearing	Packed in a Box	Weight Each
321	Top	*Cast Bronze Polished	Roller	1	1 Lb.
322	Intermediate	Polished	Ball & Roller	1	1½ Lbs.
323	Bottom	Polished	Ball & Roller	1	2 Lbs.
0321	Top	†Malleable Iron Prime Coat	Roller	1	1 Lb.
0322	Intermediate	Prime Coat	Ball & Roller	1	1½ Lbs.
0323	Bottom	Prime Coat	Ball & Roller	1	2 Lbs.

All leaves are 7/8 inch wide making the Corbin Ball Bearing Pivot Hinges applicable to rabbeted doors. All barrels or knuckles are of the same diameter lending to neat, trim appearance. All screw locations are to template. Complete templating details available upon request.

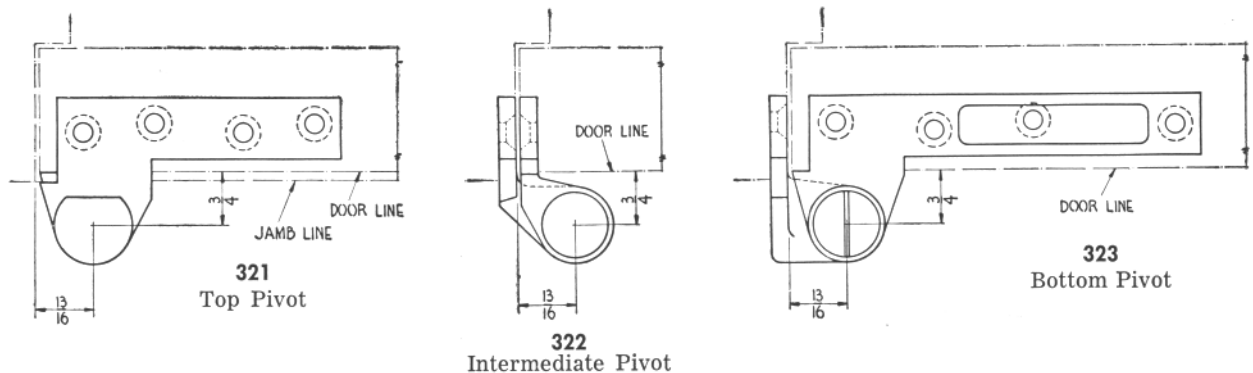
Intermediate pivots can be furnished with set screw to prevent removal of cap screw. In ordering, affix "A" to number, thus 322A.

Packed with screws.

*Cast bronze furnished in any standard finish.

†Malleable iron also furnished in cadmium and dead black finishes.

Details Showing Offset Dimensions

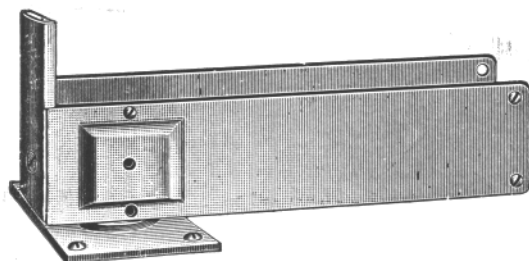


Specify number, hand and finish. See pages 1 and 2.

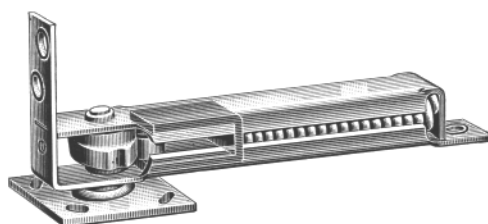


Surface Floor Spring Hinges

FOR LIGHT DOUBLE-ACTING INSIDE DOORS



400-0400



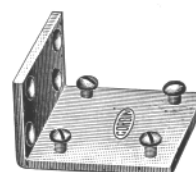
View With Side Plates Removed

Adjustable as to alignment. For doors 1½" to 1¾" thickness



Top Pivot

Pivot **Wrought Steel**. Socket **Cast Iron**
Furnished with Nos. 400-0400



0406

Jamb Plate

No.
D0406 **Wrought Steel**, Dead Black
0406 **Wrought Steel**, Plated
For cement or tile floors
Furnished only when so ordered

Frame—Wrought steel 9 in. long.

Top Pivot—Wrought steel with cast iron socket.

Base—Wrought steel 3 x 2¾ in.

Side Plates—Reversible 1⅞ x 9½ in. ⅜ in. Projection.

Will hold door open at 90° angle. Cannot be otherwise furnished.

No.	Side Plates	Base Plate	Weight Each
400	Wrought Brass or Bronze Polished	Wrought Steel Plated	3 lbs.
D0400	Wrought Steel Dead Black	Dead Black	3 lbs.
0400	Plated	Plated	3 lbs.

One in a box with screws.

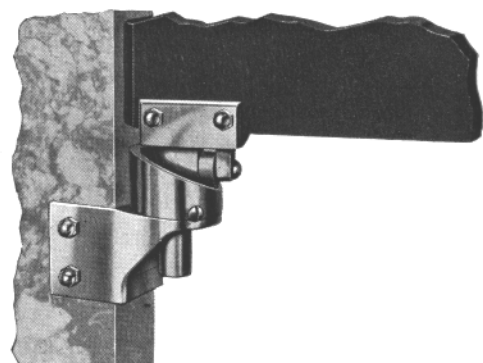
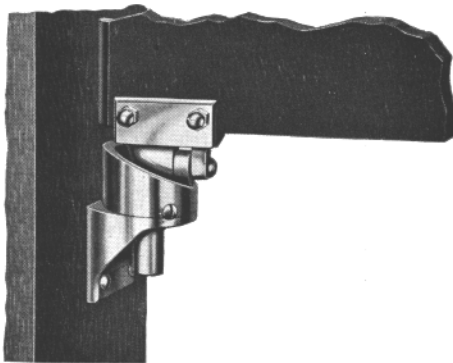
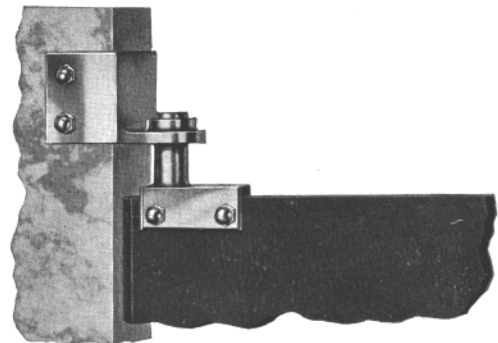
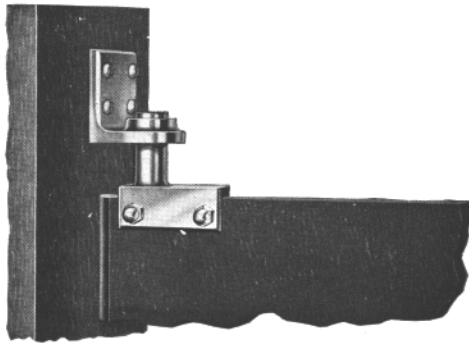
Specify number and finish. See pages 1 and 2.



Gravity Pivot Hinges

17

FOR SINGLE OR DOUBLE ACTING RIGHT OR LEFT HAND LAVATORY DOORS
CAST BRASS OR BRONZE



500

For Surface Application on Wood or Metal Frontals with Not Less than 1 3/8 in. Hanging Stile.

501

With Clamp Bracket for use on Marble, Slate or Glass Frontals.

Furnished only for Center Hung Doors lower than height of Frontal.

Cannot be furnished for Doors same height as Frontal.

Adjustable Alignment: The Adjustable Cam permits aligning and setting the Door to any desired Close or Hold Open position after Door is hung.

Furnished only for Door and Frontal Thickness as listed.

No.	Material and Finish	*Frontal Thickness	*Door Thickness							Packed in a Box	Weight Each
500	Cast Brass or Bronze	Not less than 1 3/8 in.									
	Polished		3/4 in.	1 in.	1 1/8 in.	1 1/4 in.	1 3/8 in.	1 1/2 in.	1 3/4 in.	1 Set	2 1/4 lbs.
501	Cast Brass or Bronze										
	Polished	1 in.	3/4 in.	1 in.	—	—	—	—	—	1 Set	3 1/4 lbs.
	Polished	1 1/8 in.	3/4 in.	1 in.	1 1/8 in.	—	—	—	—	1 Set	3 1/4 lbs.
	Polished	1 1/4 in.	3/4 in.	1 in.	1 1/8 in.	1 1/4 in.	—	—	—	1 Set	3 1/4 lbs.
	Polished	1 3/8 in.	3/4 in.	1 in.	1 1/8 in.	1 1/4 in.	1 3/8 in.	—	—	1 Set	3 1/4 lbs.
	Polished	1 1/2 in.	3/4 in.	1 in.	1 1/8 in.	1 1/4 in.	1 3/8 in.	1 1/2 in.	—	1 Set	3 1/4 lbs.
	Polished	1 3/4 in.	3/4 in.	1 in.	1 1/8 in.	1 1/4 in.	1 3/8 in.	1 1/2 in.	1 3/4 in.	1 Set	3 1/4 lbs.

No. 500 Frontal Bracket with wood or machine screws; door clip furnished with through bolts.

No. 501 Frontal Flange and Door Clip furnished with through bolts.

* Specify thickness of door and frontal.

Minimum distance top edges of door and frontal—3 in.

Specify number and finish. See pages 1 and 2.





CANADA

DOOR CLOSERS

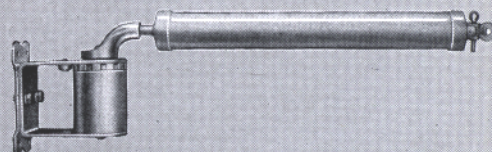
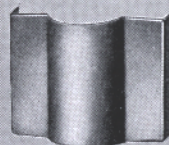
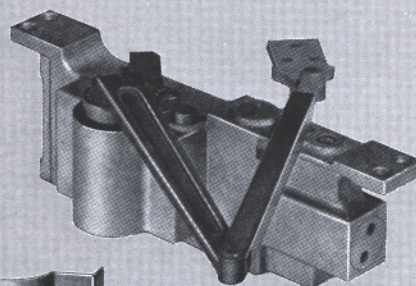
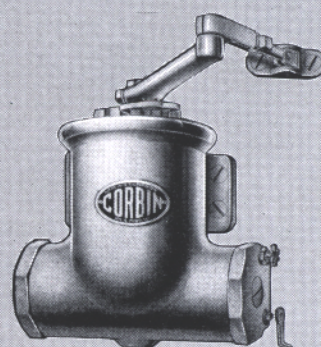
**SURFACE DOOR
CLOSERS**

**DOOR CLOSERS WITH
HOLD-OPEN DEVICES**

FIRE DOOR CLOSERS

**THE "400"
SEMI-CONCEALED
DOOR CLOSERS**

**SCREEN DOOR
CLOSERS**





 INDEX OF

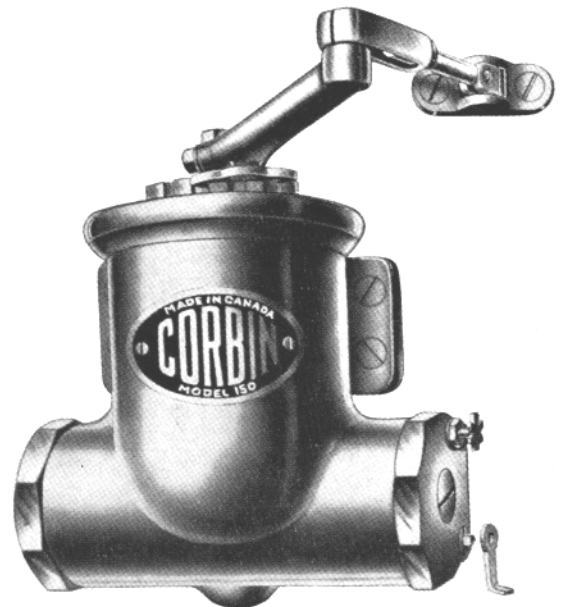
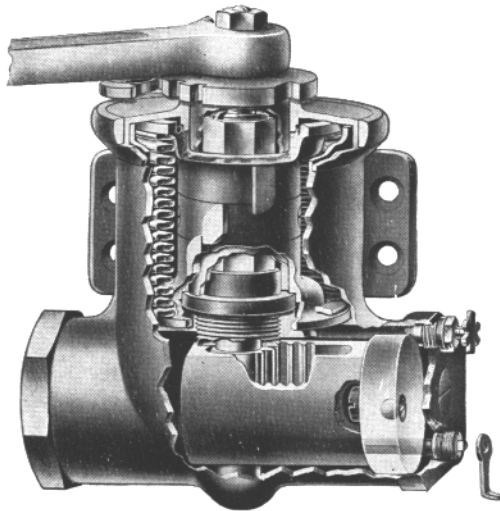
Door Closers, Brackets and Parts

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Door Closers

MODEL 150

21



It is very generally recognized that the Corbin door closer meets most perfectly all the conditions of difficult and exacting requirements. It is this recognition which has led to the adoption of the Corbin door closer for the entrances of large terminal stations where throngs pass in and out and strong draughts are encountered; in public and office buildings where the cost of up-keep and trouble of frequent attention are carefully considered, and in many other places where the requirements are severe. It is mechanically correct, well made, generous in its design, and contains features of unusual merit which have warranted the favor it has received.

It is right or left hand without change; can be used upon any door and can be easily applied by following the simple instructions packed in each box. It is not affected by extremes of temperature, and by a turn of a screw can be adjusted to any draught. Special adaptations fit it to unusual installations, and it responds satisfactorily to all demands. The sizes recommended have a greater margin of capacity for the work assigned than others less sturdily built or less efficient in mechanism.

Specialized Speed Control It has one characteristic feature which makes it easily the leader in its field. Through a dual valve control, it is possible to regulate the speed of closing of the door. It can be made to move quickly to a point near the jamb and then close slowly, or it can be made to close at a uniform rate of speed. In each instance, the adjustment is simple, accurate and easy to make, by means of the two valves. No other door closer has this function so easily manipulated that anyone can make the adjustments.

The **Spring** is light, long, and resilient. The tension is evenly distributed over twenty coils of flat wire which are so made that they do not touch each other, eliminating internal friction and permitting the full power of the spring to be exerted in performing its function.

The **Rack and Pinion** keep the door under checking control from the moment the motion of closing begins until the door touches the stop noiselessly and is held in close contact with it.

Liquid M is a special mineral oil of the proper viscosity and not affected by extremes of temperature. Under tests, it functions perfectly at -60° F.

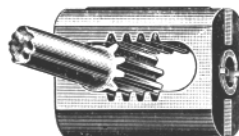
For sizes 2, 3 and 4 use type **M** liquid. For sizes 5 and 6 use type **A** liquid. Do not mix the two liquids.

There are but four moving parts.



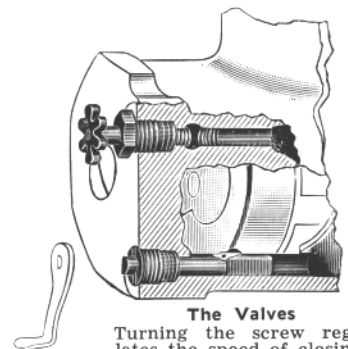
The Spring

Tension evenly distributed over entire length reduces strain.



Rack and Pinion

The lower end of the spindle engages the rack attached to the piston head, giving direct and constant control.



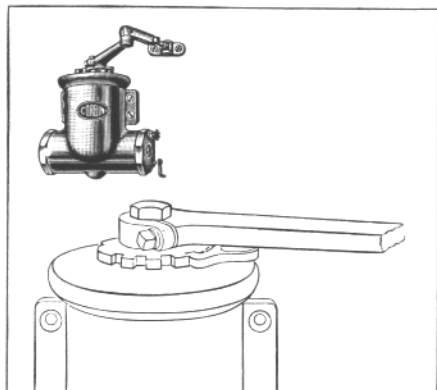
The Valves

Turning the screw regulates the speed of closing.



Door Closers

MODEL 150

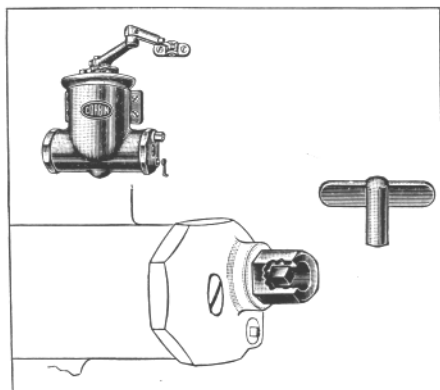


2 to 6

Unpolished iron closers are regularly furnished Maroon Bronze finish. Also furnished Aluminum Bronzed, Dead Black or Prime Coat, when so ordered.

Cast Iron Unpolished No.	Type of Door	Maximum size of Door	Packed		Weight Each
			In a Box	In a Case	
2	For heavy screen doors or light interior doors and closet doors	1 3/8" x 3'0" x 7'0" 1 3/8" x 2'8" x 7'0" 1 3/4" x 2'8" x 7'0"	1	6	10 lbs.
3	For light exterior doors and corridor and office doors of wood or metal	1 3/4" x 2'6" x 7'0" 1 3/4" x 3'4" x 7'0"	1	5	14 3/4 lbs.
4	For ordinary exterior doors and heavy interior doors of wood or metal	2 1/4" x 3'0" x 7'6" 2 1/4" x 4'0" x 7'6"	1	4	19 3/4 lbs.
5	For heavy exterior doors and heavy interior doors subject to strong draughts	3" x 3'6" x 7'6"	1	3	23 3/4 lbs.
6	For extra heavy entrance doors or doors of unusual height or width and for refrigerator doors, etc.	..... ..... .....	1	2	28 1/4 lbs.

Packed with screws.



WITH KEY ADJUSTMENT TO VALVE

For use in locations where it is desired to make it impossible for every one who wishes to do so to change the valve adjustment. The ordinary knurled regulating screw is replaced by a stem protected by a tube and operated by a key. There is no change in the valve, the only alteration being in the method of manipulation.

Can be applied to any closer. In ordering, state — with key valve.

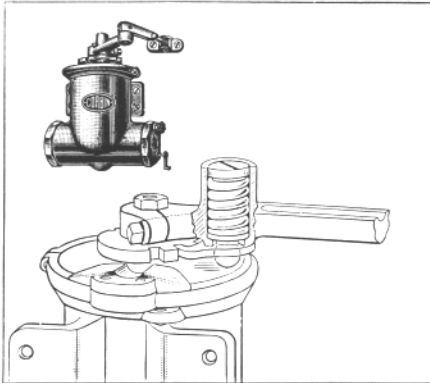
Machine screws and grommets recommended for kalamein and mono doors.

Specify number and finish. See pages 1 and 2.



Door Closers

MODEL 150



102 to 106

WITH AUTOMATIC HOLD-BACK ATTACHMENT

The hold-back attachment can be adjusted to hold the door open at any angle.

Unpolished iron closers are regularly furnished Maroon Bronze finish. Also furnished Aluminum Bronzed, Dead Black or Prime Coat, when so ordered.

Cast Iron Unpolished No.	Type of Door	Maximum size of Door	Packed		Weight Each
			In a Box	In a Case	
102	For heavy screen doors or light interior doors and closet doors	1 $\frac{3}{8}$ "x3'0"x7'0" 1 $\frac{3}{8}$ "x2'8"x7'0" 1 $\frac{3}{4}$ "x2'8"x7'0"	1	6	10 $\frac{3}{4}$ lbs.
103	For light exterior doors and corridor and office doors of wood or metal	1 $\frac{3}{4}$ "x2'6"x7'0" 1 $\frac{3}{4}$ "x3'4"x7'0"	1	5	15 $\frac{1}{2}$ lbs.
104	For ordinary exterior doors and heavy interior doors of wood or metal	2 $\frac{1}{4}$ "x3'0"x7'6" 2 $\frac{1}{4}$ "x4'0"x7'6"	1	4	20 lbs.
105	For heavy exterior doors and heavy interior doors subject to strong draughts	3" x3'6"x7'6"	1	3	24 lbs.
106	For extra heavy entrance doors or doors of unusual height or width and for refrigerator doors, etc.	..... ..... .....	1	2	29 lbs.

Packed with screws.

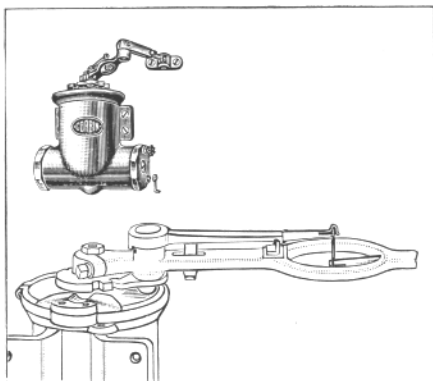
Machine screws and grommets recommended for kalamein and mono doors.

Specify number and finish. See pages 1 and 2.



Door Closers

MODEL 150



523, 524

HOLD-BACK TYPE WITH FUSIBLE LINK FOR FIRE DOORS

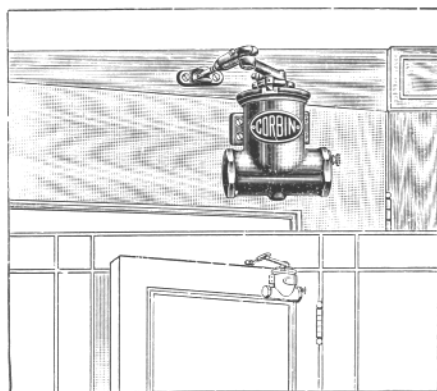
Approved by The National Board of Fire Underwriters.

The fusible link melts in case of fire, releasing the hold-back which causes the closer to close the door.

When used with brackets use No. 86 or 26 $\frac{3}{4}$ corner brackets or No. 85 soffit bracket.

No.	Material and Finish	For Hinged Fire Doors	Packed in a Box	Weight Each
523	Cast Iron *Maroon Bronze Finish	Not over 7 x 3 $\frac{1}{2}$ ft.	1	16 $\frac{1}{2}$ lbs.
524	*Maroon Bronze Finish	Not over 7 $\frac{1}{2}$ x 4 ft.	1	22 $\frac{1}{2}$ lbs.

*Also furnished in other finishes.
Packed with screws.



102 $\frac{3}{4}$

FOR COUPON BOOTH DOORS

The door closer holds the door ajar as an indication that the booth is ready for use; or closes it when the occupant leaves, causing the door to lock. It remains locked until the attendant prepares the booth for the next occupant and sets the door ajar.

No.	Material and Finish	For Coupon Booth Doors	Packed in a Box	Weight Each
102 $\frac{3}{4}$	Cast Iron *Maroon Bronze Finish	Heavier than ordinary	1	9 $\frac{1}{2}$ Lbs.

*Also furnished in other finishes.
Packed with screws.

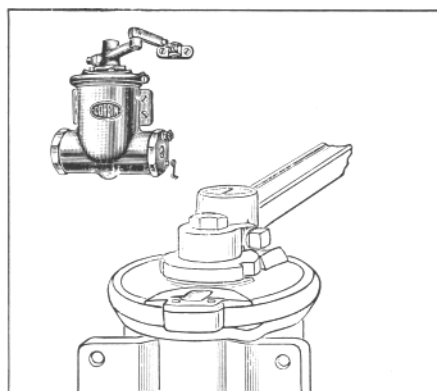
Specify number and finish. See pages 1 and 2.



Door Closers

25

MODEL 150



423, 424

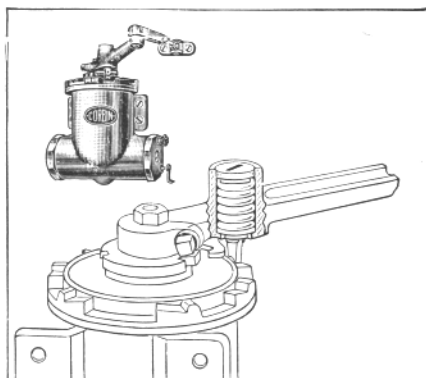
WITH TWO POINT HOLD-BACK ATTACHMENT

Especially adapted to use on hospital doors.

The first hold open point is fixed and will hold door open at 20° angle or about 6 in. from the latching point. The second hold open point is adjustable and will hold the door open at any angle 45° and over which is desired.

No.	Material and Finish	For Interior Doors	Packed in a Box	Weight Each
423	Cast Iron *Maroon Bronze Finish	Not over 7 x 3½ ft.	1	15¾ Lbs.
424	*Maroon Bronze Finish	Not over 7½ x 4 ft.	1	20¼ Lbs.

*Also furnished in other finishes.
Packed with screws.



723, 724

WITH THREE POINT HOLD-BACK ATTACHMENT

Especially adapted to use on hospital doors.

Hold open attachment will hold the door open at 20, 55 or 90 degrees.

No.	Material and Finish	For Interior Doors	Packed in a Box	Weight Each
723	Cast Iron *Maroon Bronze Finish	Not over 7 x 3½ ft.	1	15¾ Lbs.
724	*Maroon Bronze Finish	Not over 7½ x 4 ft.	1	20¼ Lbs.

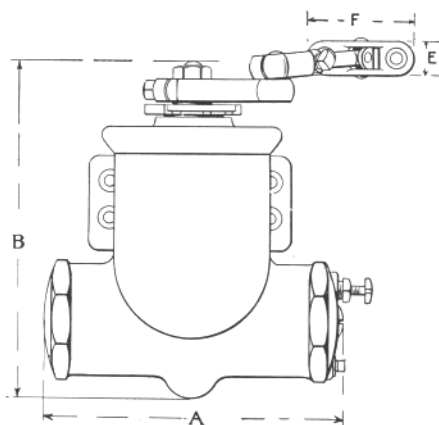
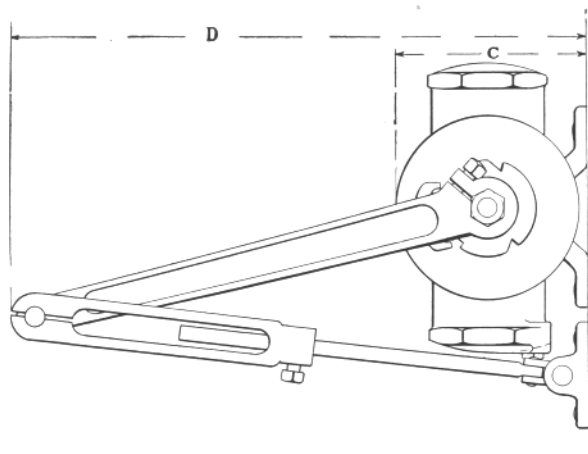
*Also furnished in other finishes.
Packed with screws.

Specify number and finish. See pages 1 and 2.



Door Closers

DIMENSIONS



Door Closer Size	A Width	B Height	C Projection of Closer Approximate	D Projection of Arm Approximate	Arm Bracket	
					E Width	F Length
2	5 ⁷ / ₈ in.	5 ⁷ / ₈ in.	3 ¹¹ / ₁₆ in.	10 ¹ / ₄ in.	1 ³ / ₁₆ in.	2 ¹ / ₄ in.
3	6 ³ / ₈ in.	7 in.	4 in.	*12 in.	1 ³ / ₁₆ in.	2 ¹ / ₄ in.
4	7 ⁵ / ₈ in.	7 ¹ / ₂ in.	4 ³ / ₈ in.	*12 ⁵ / ₈ in.	7 ⁷ / ₈ in.	2 ⁹ / ₁₆ in.
5	8 ³ / ₈ in.	8 in.	4 ¹³ / ₁₆ in.	13 ³ / ₄ in.	7 ⁷ / ₈ in.	2 ⁹ / ₁₆ in.
6	8 ³ / ₈ in.	8 ³ / ₄ in.	5 ¹ / ₄ in.	15 in.	7 ⁷ / ₈ in.	2 ⁹ / ₁₆ in.

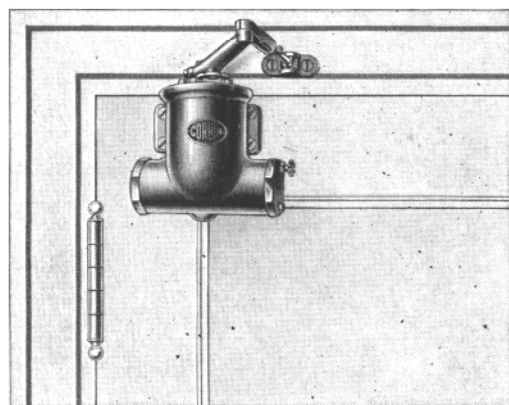
*Does not apply to fire door closers. The projection of arm for No. 523 is approximately 15¹/₈ in., and for No. 524 is approximately 16 in.

LENGTH OF ARMS

Long Arms Are Used on Doors Which Are Recessed in Casing

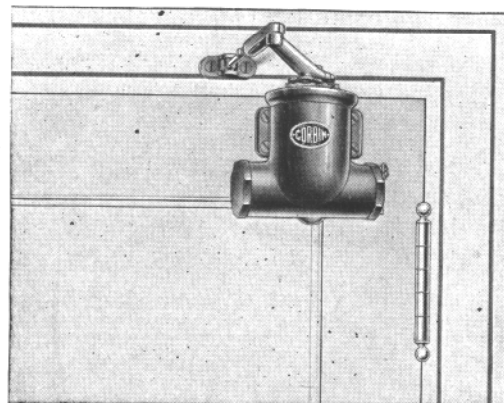
		For Closer No.				
		2	3	4	5	6
Regular Arm No. 110	} Length	8 in.	9 ¹ / ₂ in.	10 in.	11 in.	12 in.
Hold-Back No. 110A						
Long Arm Type No. 110	} Length	11 in.	12 ¹ / ₂ in.	13 in.	14 in.	15 in.
Hold-Back Arm Type No. 110A						

Applications of Door Closers



Right Hand Door with Closer

APPLIED TO EITHER
RIGHT OR LEFT
HAND DOORS WITH-
OUT CHANGE



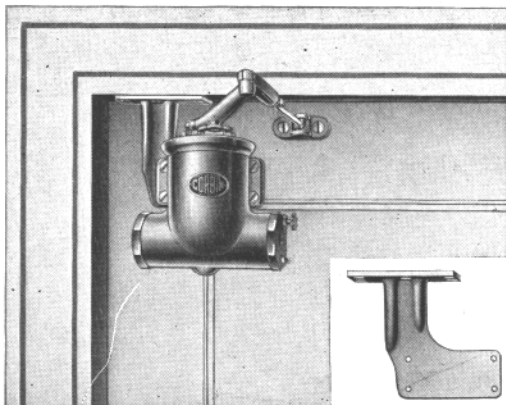
Left Hand Door with Closer



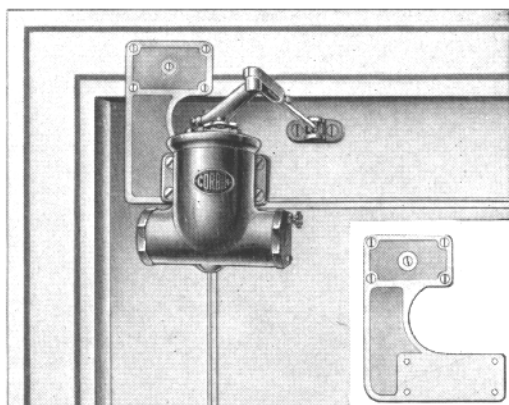
Applications of Door Closers

27

WITH BRACKETS



25 Bracket
Right hand reverse (left hand) door with closer. Reversible.



28 Bracket
Right hand reverse (left hand) door with closer. Reversible.

For use in applying closer to the recessed side (opposite hinge side) of door. Should be used only where it is impossible, or not desirable, to apply closer to hinge side of door.

SOFFIT BRACKET

No.	For Closer Size	Material and Finish	Base		Weight Each
			Width Inches	Length Inches	
25	2	Malleable Iron *Maroon Bronze Finish	1 13/32	4	1 3/8 Lbs.
	3	*Maroon Bronze Finish	1 7/16	4 1/16	2 1/16 Lbs.
	4	*Maroon Bronze Finish	1 5/8	4 7/8	2 1/2 Lbs.
	5	*Maroon Bronze Finish	1 5/8	4 7/8	2 7/8 Lbs.
	6	*Maroon Bronze Finish	1 3/4	5 3/4	3 5/8 Lbs.
85	523	*Maroon Bronze Finish	1 7/16	4 1/4	2 1/4 Lbs.
	524	*Maroon Bronze Finish	1 5/8	4 7/8	2 7/8 Lbs.

No. 85 has 1 in. greater drop than No. 25 and is for use with fusible link fire door closers Nos. 523 and 524, or for closers sizes 3 and 4 only when they are applied to same side of door with overhead type door holders.

Packed one in a box, with both wood screws and machine screws.

FLUSH BRACKET

No.	For Closer Size	Material and Finish	Attaching Base Inches	Weight Each
28		Malleable Iron		
	2	*Maroon Bronze Finish	2 x 3 1/2	1 3/4 Lbs.
	3	*Maroon Bronze Finish	2 1/2 x 4	2 1/4 Lbs.
	4	*Maroon Bronze Finish	2 3/4 x 4 1/2	3 Lbs.
	5	*Maroon Bronze Finish	3 x 4 1/2	3 1/16 Lbs.
	6	*Maroon Bronze Finish	3 x 5 1/2	5 1/4 Lbs.

Packed one in a box, with both wood screws and machine screws.

When closers with regular arms are used on these brackets door will open up to 135°. When doors are required to open over 135° up to 180°, specify closers with long arms.

In ordering, state number of bracket and number of closer with which it is to be used.

*Also furnished other finishes.

Specify Finish, See pages 1 and 2.

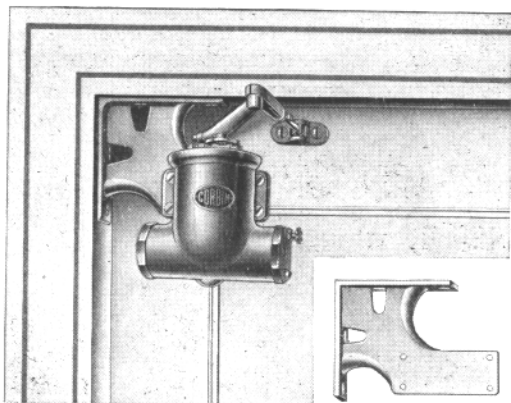


Applications of Door Closers

WITH BRACKETS

CORNER BRACKET

For use in mounting closers on recessed side (opposite to hinge side) of door.



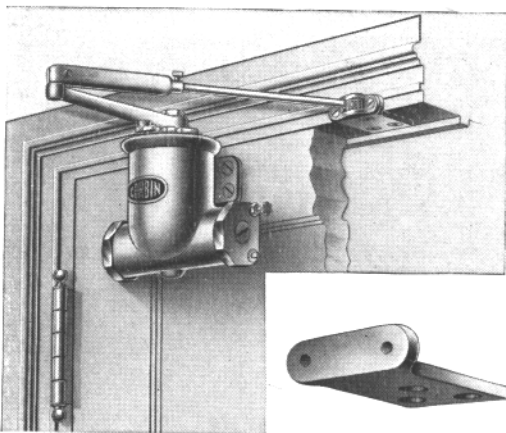
26 Bracket

Right hand reverse (left hand) door with closer. Reversible.

When closers with regular arms are used on these brackets door will open up to 135°. When doors are required to open over 135° and up to 180°, specify closer with long arms.

No.	For Closer Size	Material and Finish	Base			Weight Each
			Width Inches	Height Inches	Length Inches	
26		Malleable Iron				
	2	*Maroon Bronze Finish	15/16	4 3/4	4 3/4	2 Lbs.
	3	*Maroon Bronze Finish	7/8	5 1/8	4 7/8	2 5/8 Lbs.
	4	*Maroon Bronze Finish	1 1/16	5 5/8	5 5/8	3 7/8 Lbs.
	5	*Maroon Bronze Finish	1 1/8	6 1/8	6 1/8	3 7/8 Lbs.
	6	*Maroon Bronze Finish	2 1/4	7	6 5/8	7 1/4 Lbs.
26 1/2		Malleable Iron				
	2	*Maroon Bronze Finish	1 13/16	4 3/4	4 5/8	2 3/8 Lbs.
	3	*Maroon Bronze Finish	1 13/16	5 1/8	5	3 1/4 Lbs.
	4	*Maroon Bronze Finish	1 3/4	5 5/8	5 5/8	4 1/2 Lbs.
	5	*Maroon Bronze Finish	1 3/4	5 5/8	5 5/8	5 1/4 Lbs.
26 3/4		Malleable Iron				
	2	*Maroon Bronze Finish	1 3/4	5 3/4	4 3/4	3 1/2 Lbs.
	3	*Maroon Bronze Finish	1 3/4	5 1/4	5	3 3/8 Lbs.
	4	*Maroon Bronze Finish	1 3/4	5 5/8	5 3/4	4 3/4 Lbs.
	5	*Maroon Bronze Finish	1 3/4	5 5/8	5 5/8	5 5/8 Lbs.
	6	*Maroon Bronze Finish	2 1/4	7	6 5/8	8 3/4 Lbs.
86		Malleable Iron				
	523	*Maroon Bronze Finish	7/8	5 1/8	4 7/8	3 Lbs.
	524	*Maroon Bronze Finish	1 1/8	5 5/8	5 3/4	4 5/8 Lbs.

No. 26 1/2 has a wider base than No. 26 allowing the use of 8 screws in attaching. No. 26 3/4 has base like No. 26 1/2, but has 1 in. greater drop for use when closer is to be applied to same side of door with overhead door holder. No. 86 same as No. 26 but with 1 in. greater drop for use with fusible link fire door closers Nos. 523 and 524. All packed one in a box with both wood screws and machine screws.



335

SOFFIT PLATE

For Door Closer Arm Bracket

For use where it is not desired to cut expensive ornamental trim in applying arm bracket.

No.	Material and Finish	Soffit Plate Size Inches	Weight Each
335	Malleable Iron *Maroon Bronze Finish	2 1/2 x 1 5/8	1/2 Lb.

State number of closer with which it is to be used. Packed with screws.

In ordering, state number of bracket and number of closer with which it is to be used.
*Also furnished in other finishes.

Specify Finish, See pages 1 and 2.



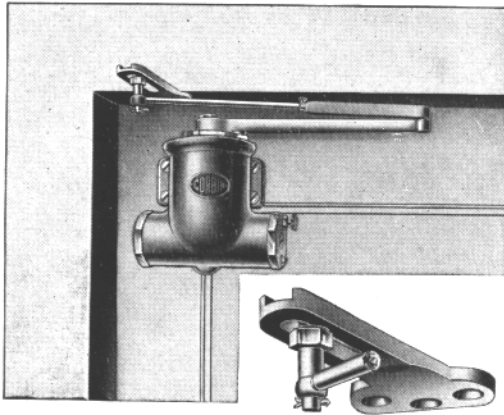
Applications of Door Closers

29

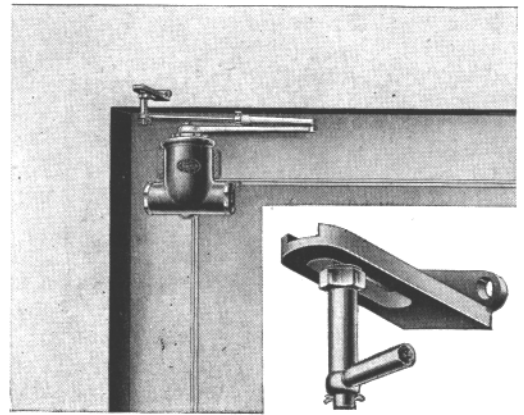
ADJUSTABLE ARM BRACKETS

For use with parallel arm No. 30 on non-hold-back door closers sizes 2, 3, 4, 5, 6 only and parallel arm No. 35A on hold-back door closers sizes 102, 103, 104, 105, 106 only.

Arm post adjustable, so that arm will stand at proper V regardless of width of frame. Used for mounting closers on recessed side (opposite to hinge side) of door.



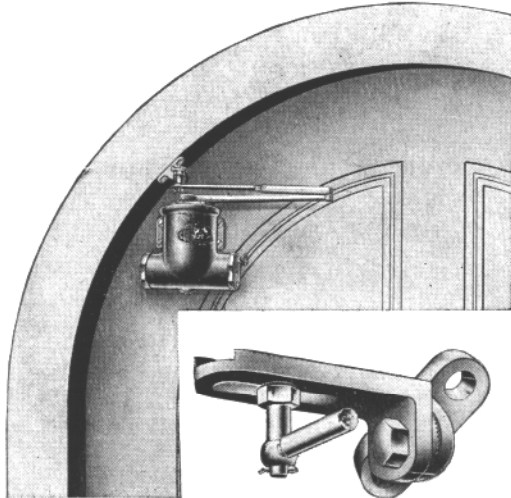
330 Applied to Soffit



331 Applied to Casing

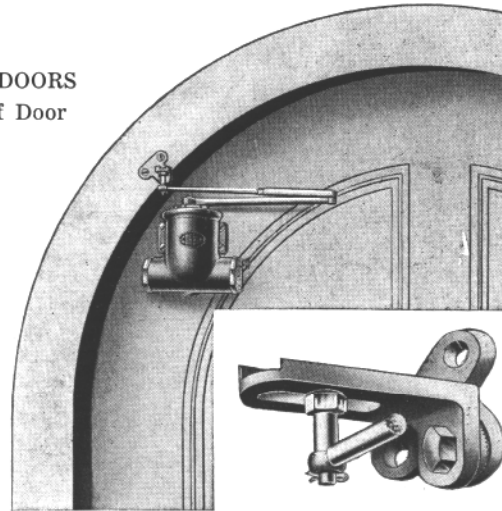
No.	Material and Finish	Type	Attaching Base Inches	Arm Bracket Inches
330	Malleable Iron *Maroon Bronze Finish	Straight Angle	1 x 2½	4 x 1¼
331	*Maroon Bronze Finish		1 x 2½	3⅞ x 1¼

Packed with screws. Bracket reversible. State hand of door for parallel arms.



332 Applied to Soffit

FOR CIRCULAR TOP DOORS
Adjustable to Curve of Door



333 Applied to Casing

No.	Material and Finish	Type	Attaching Base Inches	Arm Bracket Inches
332	Malleable Iron *Maroon Bronze Finish	Straight Angle	2½ x 1	3¾ x 1¼
333	*Maroon Bronze Finish		2½ x 1	3¾ x 1¼

Packed with screws. Bracket reversible. State hand of doors for parallel arms.
*Also furnished in other finishes.

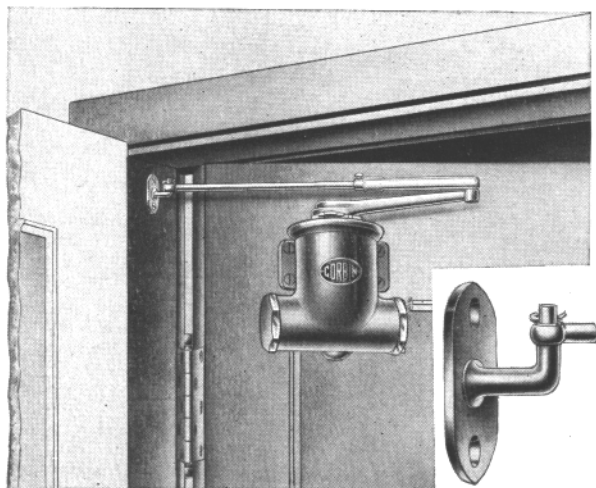
Specify Number of Bracket and Finish, See pages 1 and 2.



Applications of Door Closers

PARALLEL ARMS WITH SPECIAL BRACKETS

For Use when Closers are to be Mounted between Doors.



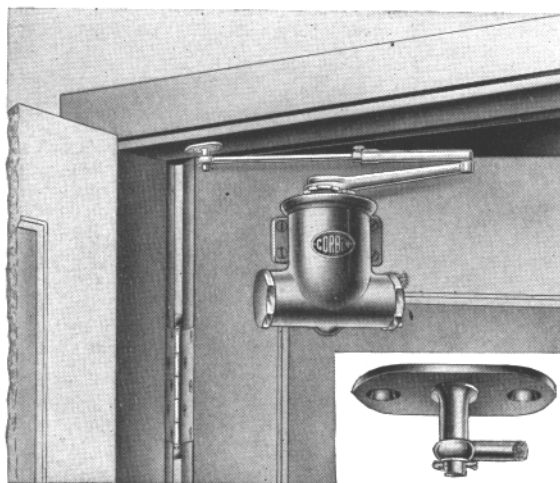
Special Bracket 30
Right hand reverse (left hand) door with closer. Reversible.

†Parallel Arm No. 30 Used with both Nos. 30 and 31 Brackets for Non-Hold-back Closers

†Parallel Arm No. 35A Used with both Nos. 30 and 31 Brackets for Hold-back Closers

No.	For Closer Size	Material and Finish	Base Size Inches
30	2 to 6	Malleable Iron *Maroon Bronze Finish	$2\frac{5}{8} \times 1\frac{15}{16}$
31	2 to 6	*Maroon Bronze Finish	$1\frac{15}{16} \times 2\frac{5}{8}$

†Not reversible. State hand.
Packed with screws.



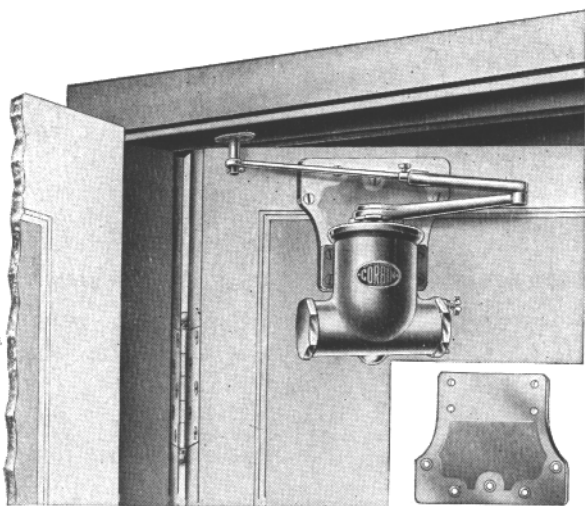
Special Bracket 31
Right hand reverse (left hand) door with closer. Reversible.

For Closer No.	Minimum Space Required Between Doors	Min. Width of Top Rail Below Stop	
		30 Bracket	31 Bracket
2	4½ in.	4¼ in.	5 in.
3	5 in.	4¾ in.	5½ in.
4	5½ in.	5¼ in.	5¾ in.
5	6 in.	5¾ in.	6¼ in.
6	6 in.	6¼ in.	6½ in.

For use with No. 31 arm bracket when doors have narrow top rail (not less than 2 in.)

No.	For Closer Size	Material and Finish	Attaching Base Inches
43	2	Malleable Iron *Maroon Bronze Finish	1¾ x 5¾
	3	*Maroon Bronze Finish	1¾ x 6¼
	4	*Maroon Bronze Finish	1¾ x 7¼
	5	*Maroon Bronze Finish	1¾ x 7½
	6	*Maroon Bronze Finish	1¾ x 7¾

Bracket No. 43 reversible. State hand of door for parallel arms.
Packed one in a box with screws.



Closer Bracket 43
Right hand reverse (left hand) door with closer

In ordering, state number of bracket and number of closer with which it is to be used.

*Also furnished in other finishes.

Specify Finish, See pages 1 and 2.



Applications of Door Closers

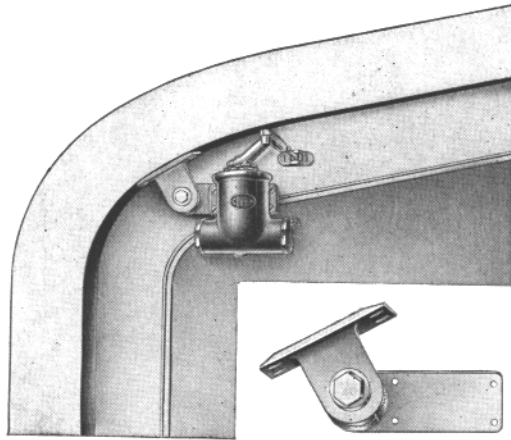
31

WITH BRACKETS

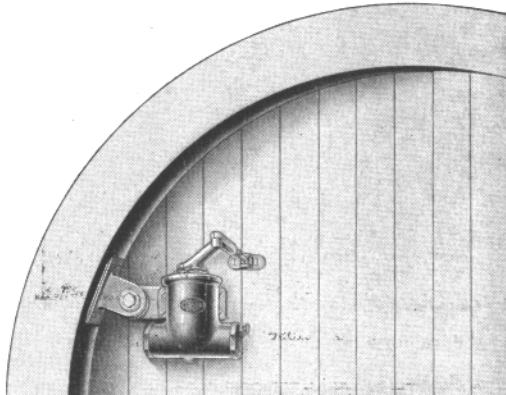
For Gothic or Arched Doors

Used on recessed side (opposite to hinge side) of door.

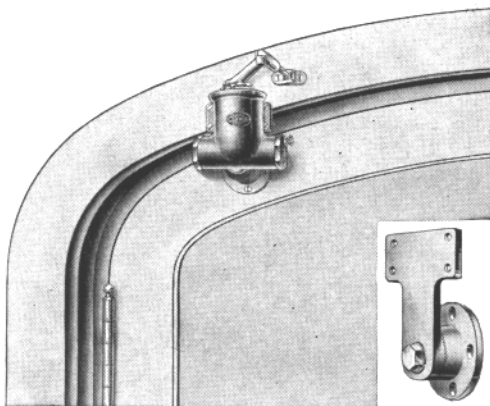
Adjustable to curve of door except for doors with steep curve in arch.



Arched Top Door, Bracket 37½
Right hand reverse (left hand) door with
closer. Reversible.



Circular Top Door, Bracket 37½
Right hand reverse (left hand) door with
closer. Reversible.



Arched Door, Bracket 49
Right hand door with closer. Reversible.

In ordering, state number of bracket and number of closer with which it is to be used.

*Also furnished in other finishes.

Specify Finish, See pages 1 and 2.

No.	For Closer Size	Material and Finish	Base		Weight Each
			Width Inches	Length Inches	
37½	2	Malleable Iron *Maroon Bronze Finish	2	5	3⅜ Lbs.
	3	*Maroon Bronze Finish	2	5⅛	3¾ Lbs.
	4	*Maroon Bronze Finish	2½	5⅝	5¾ Lbs.
	5	*Maroon Bronze Finish	2½	5⅝	5⅞ Lbs.

Packed one in a box with screws.

BRACKET NO. 37½

For Circular Top Doors

Bracket No. 37½ can be furnished for circular top doors or arched doors with steep curve in arch providing doors are of batten type or doors without panel.

Doors should be high enough to afford sufficient head clearance when bracket and closer are mounted on lower portion of arch.

For Gothic Top Doors

Used on hinge side of doors which are recessed in casing.

Adjustable to curve of door except for doors with steep curve in arch.

No.	For Closer Size	Material and Finish	Base Diameter Inches	Regular ‡Recess Inches	Weight Each
‡49	2	Malleable Iron *Maroon Bronze Finish	3⅞	1¼	3 Lbs.
	3	*Maroon Bronze Finish	3⅞	1¼	3¼ Lbs.
	4	*Maroon Bronze Finish	3⅞	1¼	3½ Lbs.
	5	*Maroon Bronze Finish	3⅞	1¼	3⅞ Lbs.
	6	*Maroon Bronze Finish	3⅞	1¼	4⅞ Lbs.

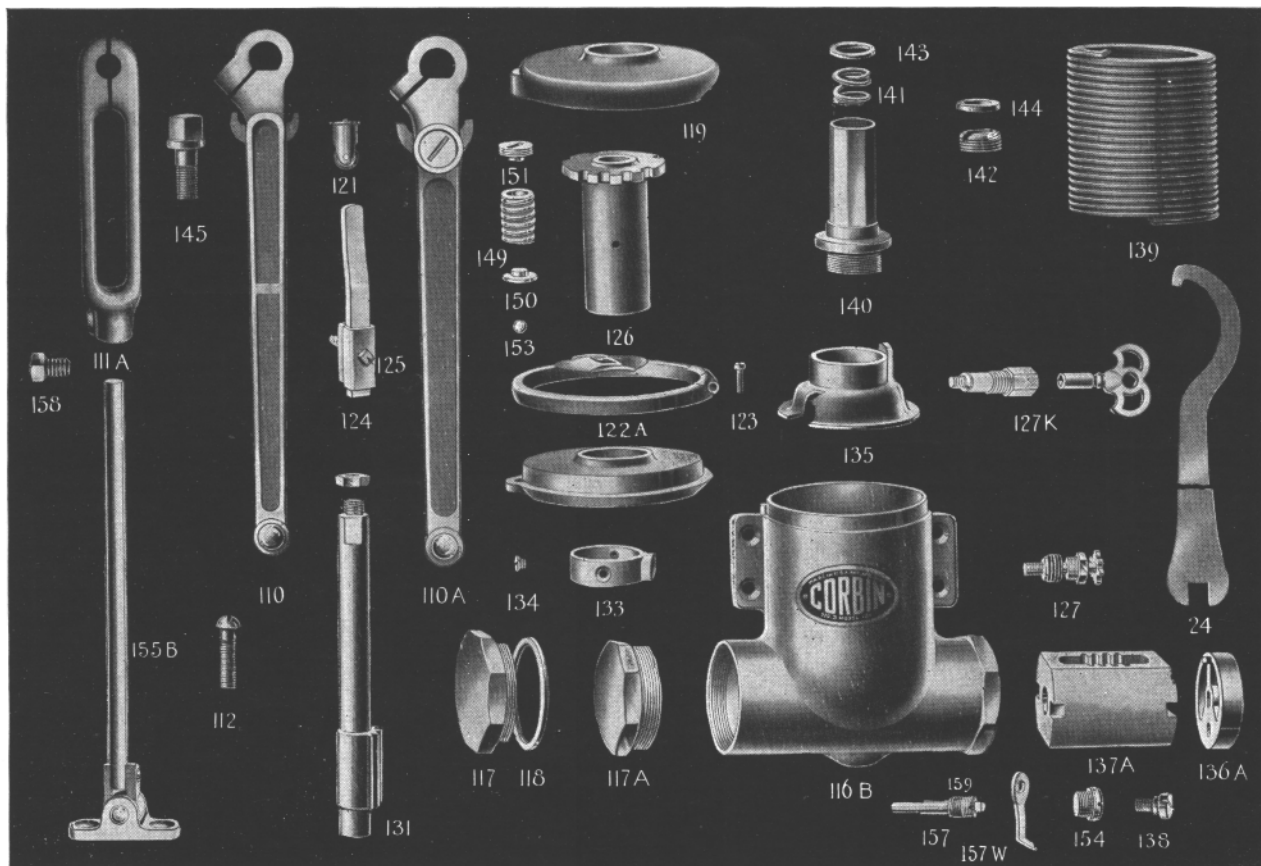
‡When so ordered, can be furnished with spacer for doors 1½, 1¾, 2 or 2¼ in. recess.

Packed one in a box with screws.



Door Closer Parts

(Models 131, 127 and 1911)



When ordering state number of closer for which the part is to be used. Model number of closer is marked on arm.

Part No.	Description	Part No.	Description
24	Wrench	134	Middle Dog Screw — 2 required
110	Arm and Pawl (Models 1911-127-131)	135	Top and Bottom Dog — 2 required
110A	Arm and Pawl for Hold-back Closer (Models 127 and 131)	136A	Piston (Model 131)
111A	Arm Loop (Model 131)	137A	Piston Rack (Model 131)
112	Screw for Arm Loop	138	Piston Screw
116B	Case (Model 131)	139	Spring
117	Cap (1911 Model)	140	Packing Gland
117A	Cap (Models 127 and 131)	141	Spring for Packing Gland
118	Packing for Cap (1911 Model)	142	Gland Packing Nut
119	Cover	143	Steel Packing Washer
120	Stop Cover	144	Packing Washer — 4 required
121	Stop Cover Pin (1911 Model)	145	Clamp Screw
122A	Stop Cover Band (Models 127 and 131)	149	Hold-Back Spring
123	Stop Cover Band Screw	150	Hold-Back Spring Guide
124	Stop Cover Spring (1911 Model)	151	Hold-Back Spring Adjusting Screw
125	Stop Cover Spring Screw (1911 Model)	153	Steel Ball for Hold-Back
126	Ratchet	154	Filing Screw (Models 127 and 131)
127	Upper Valve complete	155B	Arm Bracket and Connecting Rod (Model 131)
*127K	Upper Key Valve complete with Key	157	Lower Valve complete with Wrench (Model 131)
131	Spindle	157W	Wrench for Lower Valve
132	Spindle Nut	158	Rod Set Screw (Model 131)
133	Middle Dog	159	Packing Washer for Lower Valve—4 required

CHECKING LIQUID A: Liquid for closer furnished in one-pint, one-quart and one-gallon cans.

Parts not listed by model number can be used in models 127, 131 and 1911.

A complete arm for regular closer consists of parts Nos. 110, 111A, 112, 145, 155B and 158. For Models 1911-127 and 131.

A complete arm for hold-back closer consists of parts Nos. 110A, 111A, 112, 145, 155B and 158. For Models 1911-127 and 131.

Parts Nos. 110A, 116B and 122A can also be used to repair old model closers. When case 116B is ordered parts 117A, 127, 136A, 137A, 138, 154 and 157 are also included. Arm parts 111A and 115B (Model 131) can also be used to repair Model 127 and old model closers, provided parts 111A, 112, 155B and 158 are all ordered. Parts 136A and 137A can also be used to repair Model 127 and old model closers, providing both parts are ordered.

Part No. 127K can be used for replacement only on closers originally furnished with key valves.

The metal used in Corbin door-closer springs is made to a special Corbin formula. The size and shape ensure an exact fit without binding. They will give the longest service without breakage, the greatest strength and resiliency of any springs used in door closers. The liquid is a Special Corbin Compound having a high viscosity index, excellent lubricating properties and capable of flowing at -60°F.

Liquid A must be used for closer models 131, 127 and 1911.

We cannot assume responsibility for the performance of Corbin door closers unless the springs and liquid are supplied by us.

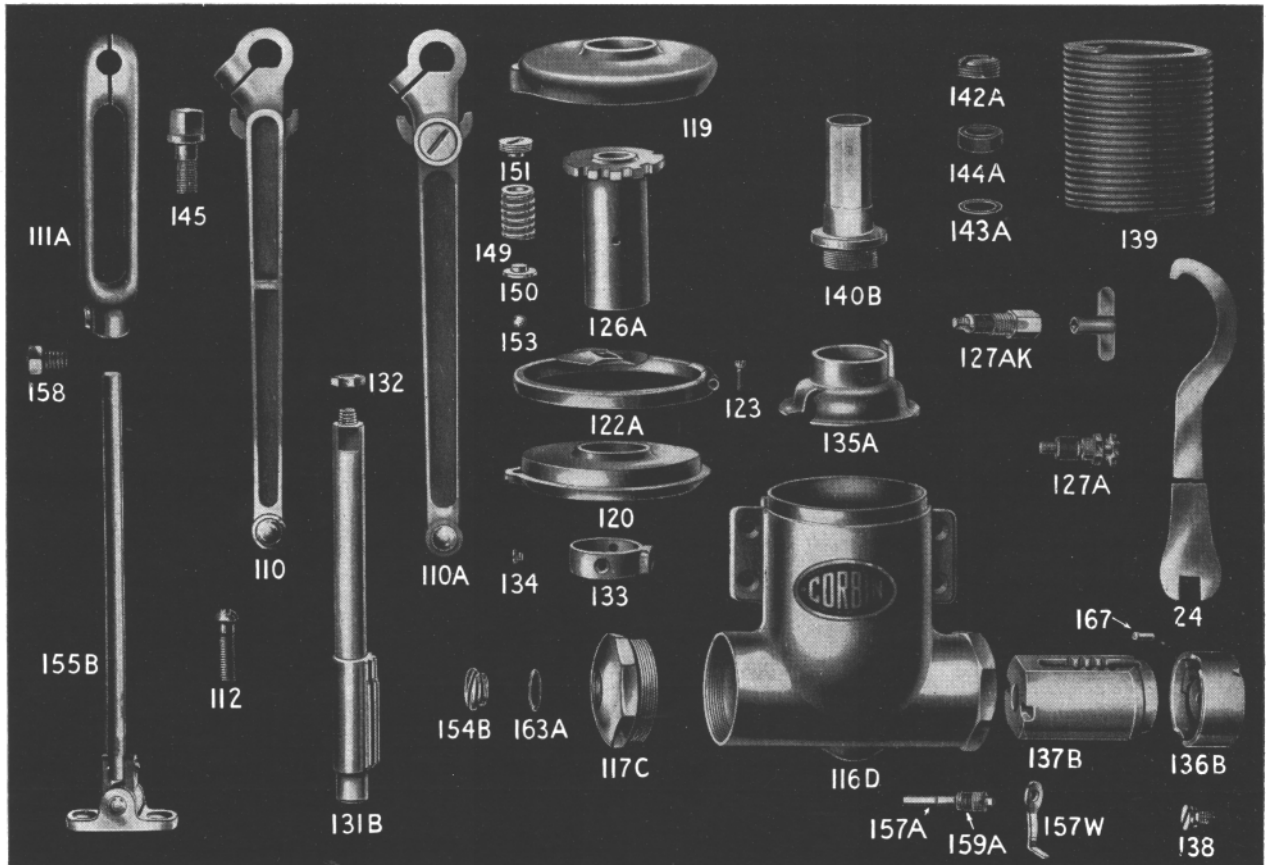
*When ordering replacements new type key furnished, see page 33.



Door Closer Parts

FOR MODEL 150

33



When ordering state number of closer for which the part is to be used. Model 150 closers have model number marked on name plate.

Part No.	Description	Part No.	Description
* 24	Wrench	136B	Piston and Ball Assembly for sizes 2-3 and 4
*110	Arm and Pawl	*136A	Piston and Ball Assembly for sizes 1-5 and 6
*110A	Arm and Pawl for Hold-Back Closers	137B	Piston Rack for sizes 2-3 and 4
*111A	Arm Loop	*137A	Piston Rack for sizes 1-5 and 6
*112	Screw for Arm Loop	*138	Piston Rack Screw
116D	Case	*139	Spring
117C	Cap	140B	Gland
*119	Cover	142A	Gland Packing Nut
*120	Stop Cover	143A	Spindle Packing Washer
*122A	Stop Cover Band	144A	Spindle Packing
*123	Stop Cover Band Screw	*145	Clamp Screw
*124A	Ratchet for sizes 2 and 3	*149	Hold-Back Spring
*126	Ratchet for sizes 1-4-5 and 6	*150	Hold-Back Spring Guide
127A	Regulating Valve, complete	*151	Hold-Back Spring Adjusting Screw
127AK	Key Regulating Valve, complete	*153	Steel Ball for Hold-Back
131B	Spindle for sizes 2-3 and 4	154B	Case Screw (2 required)
*131	Spindle for sizes 1-5 and 6	*155B	Rod, Link, Bracket Assembly
*132	Spindle Nut	157A	Lower Valve complete
*133	Center Dog	157W	Wrench for Lower Valve
*134	Center Dog Screw (2 required)	*158	Rod Set Screw
*135A	Top and bottom Dog for sizes 2 and 3 (2 required)	159A	Lower Valve Packing (2 required)
*135	Top and bottom Dog for sizes 1-4-5 and 6 (2 required)	163A	Case Screw Packing (2 required)
		167	Piston Rack Pin

CHECKING LIQUID M: Liquid for closers furnished in one-pint, one-quart and one-gallon containers.

A complete arm for regular closers consists of parts Nos. 110, 111A, 112, 145, 155B and 158.

A complete arm for hold-back closer consists of parts Nos. 110A, 111A, 112, 145, 155B and 158.

Part No. 127AK can be used for replacement only on closers originally furnished with key valves.

The metal used in Corbin door closer springs is made to a special Corbin formula. The size and shape ensure an exact fit without binding. They will give the longest service without breakage, the greatest strength and resiliency of any springs used in door closers.

The liquid is compounded by us, and repeated tests show it to be superior to any other used for a like purpose. It has the proper lubricating and checking qualities with least absorption, and is not affected by extremes of temperature.

We cannot assume responsibility for the performance of Corbin 150 Model door closers unless the springs and liquid M are supplied by us.

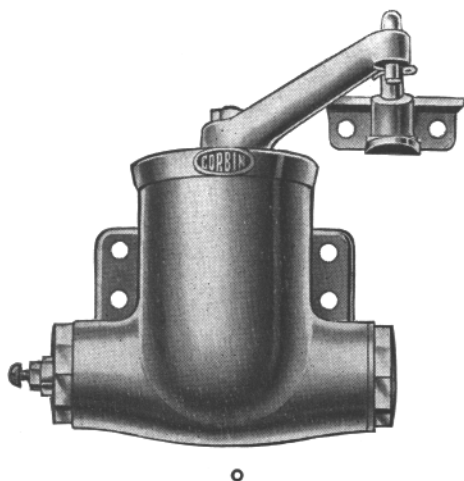
Liquid M must be used for closer Model 150 Sizes 2, 3 and 4. Liquid A must be used for Sizes 1, 5 and 6.

*Note: These parts same as for Model 131 (see page 32).



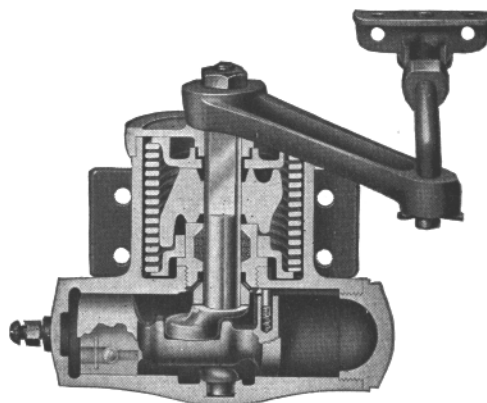
Screen Door Closers

LIQUID CONTROL



O

Reversible for Right or Left Hand Doors



No.	Material and Finish	Classification	Packed		Weight Each
			In a Box	In a Carton	
O	Cast Iron Maroon Bronze Finish	For screen doors and light inside residence doors	1	6	5¼ Lbs.

Construction

The Spindle or crankshaft is of one-piece drop forged steel supported at the bottom end giving a four point bearing.

The Gland is packed with composition, cork and leather washers assuring an evenly and tightly packed joint.

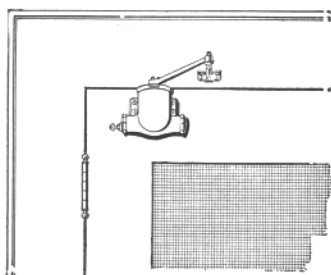
The Piston has an extra long bearing supported at both ends, accurately machined and fitted, assuring a perfect compression and checking control.

The Spring is a flat rectangular wire coil spring. This

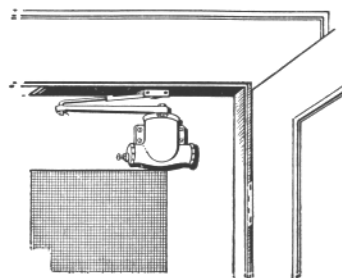
type of spring allows maximum resiliency thereby guarding against crystallization and breakage.

Speed Control. The speed of the door can be readily controlled by the adjusting screw or valve, a turn to the left increasing and a turn to the right decreasing its speed.

Application. The closer can be reversed for right or left hand doors and for the different applications by removing the arm and replacing it on the closer in the correct position for the desired application as explained in the direction sheets and templates packed with each closer.



Applied to outside of door opening out or inside of door opening in.
Requires top rail 2½ in. wide.



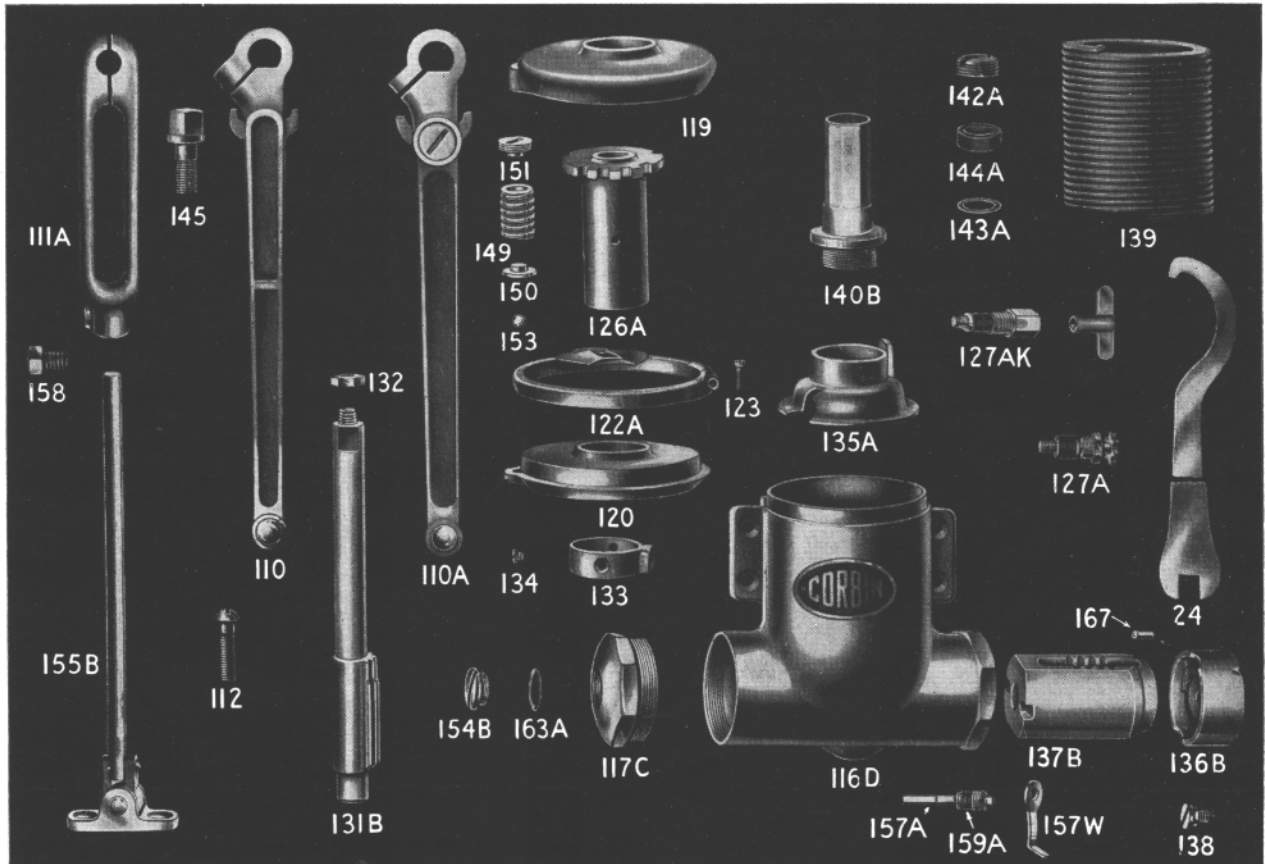
Applied to inside of door opening out or outside of door opening in and between doors. Requires top rail 3½ in. wide and 3¼ in. space between doors.



Door Closer Parts

FOR MODEL 150

33



When ordering state number of closer for which the part is to be used. Model 150 closers have model number marked on name plate.

Part No.	Description	Part No.	Description
* 24	Wrench	136B	Piston and Ball Assembly for sizes 2-3 and 4
*110	Arm and Pawl	*136A	Piston and Ball Assembly for sizes 1-5 and 6
*110A	Arm and Pawl for Hold-Back Closers	*137B	Piston Rack for sizes 2-3 and 4
*111A	Arm Loop	*137A	Piston Rack for sizes 1-5 and 6
*112	Screw for Arm Loop	*138	Piston Rack Screw
*116D	Case	*139	Spring
*117C	Cap	140B	Gland
*119	Cover	142A	Gland Packing Nut
*120	Stop Cover	143A	Spindle Packing Washer
*122A	Stop Cover Band	144A	Spindle Packing
*123	Stop Cover Band Screw	*145	Clamp Screw
126A	Ratchet for sizes 2 and 3	*149	Hold-Back Spring
*126	Ratchet for sizes 1-4-5 and 6	*150	Hold-Back Spring Guide
127A	Regulating Valve, complete	*151	Hold-Back Spring Adjusting Screw
127AK	Key Regulating Valve, complete	*153	Steel Ball for Hold-Back
131B	Spindle for sizes 2-3 and 4	154B	Case Screw (2 required)
*131	Spindle for sizes 1-5 and 6	*155B	Rod, Link, Bracket Assembly
*132	Spindle Nut	157A	Lower Valve complete
*133	Center Dog	*157W	Wrench for Lower Valve
*134	Center Dog Screw (2 required)	*158	Rod Set Screw
*135A	Top and bottom Dog for sizes 2 and 3 (2 required)	159A	Lower Valve Packing (2 required)
*135	Top and bottom Dog for sizes 1-4-5 and 6 (2 required)	163A	Case Screw Packing (2 required)
		167	Piston Rack Pin

CHECKING LIQUID M: Liquid for closers furnished in one-pint, one-quart and one-gallon containers.

A complete arm for regular closer consists of parts Nos. 110, 111A, 112, 145, 155B and 158.

A complete arm for hold-back closer consists of parts Nos. 110A, 111A, 112, 145, 155B and 158.

Part No. 127AK can be used for replacement only on closers originally furnished with key valves.

The metal used in Corbin door closer springs is made to a special Corbin formula. The size and shape ensure an exact fit without binding. They will give the longest service without breakage, the greatest strength and resiliency of any springs used in door closers.

The liquid is compounded by us, and repeated tests show it to be superior to any other used for a like purpose. It has the proper lubricating and checking qualities with least absorption, and is not affected by extremes of temperature.

We cannot assume responsibility for the performance of Corbin 150 Model door closers unless the springs and liquid M are supplied by us.

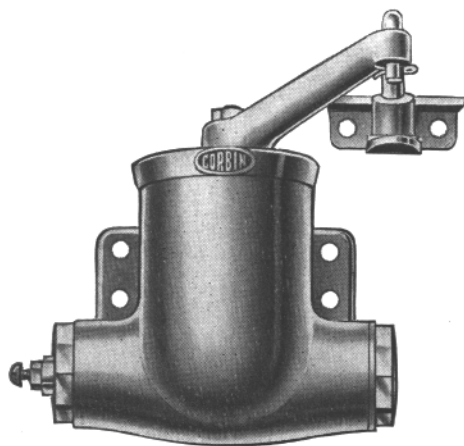
Liquid M must be used for closer Model 150 Sizes 2, 3 and 4. Liquid A must be used for Sizes 1, 5 and 6.

*Note: These parts same as for Model 131 (see page 32).



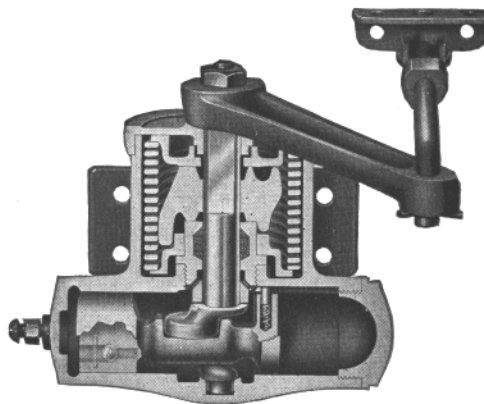
Screen Door Closers

LIQUID CONTROL



O

Reversible for Right or Left Hand Doors



No.	Material and Finish	Classification	Packed		Weight Each
			In a Box	In a Carton	
O	Cast Iron Maroon Bronze Finish	For screen doors and light inside residence doors	1	6	5¼ Lbs.

Construction

The Spindle or crankshaft is of one-piece drop forged steel supported at the bottom end giving a four point bearing.

The Gland is packed with composition, cork and leather washers assuring an evenly and tightly packed joint.

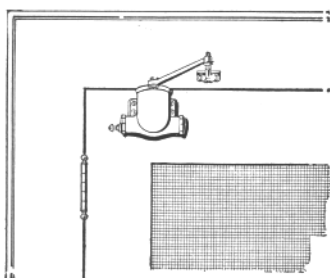
The Piston has an extra long bearing supported at both ends, accurately machined and fitted, assuring a perfect compression and checking control.

The Spring is a flat rectangular wire coil spring. This

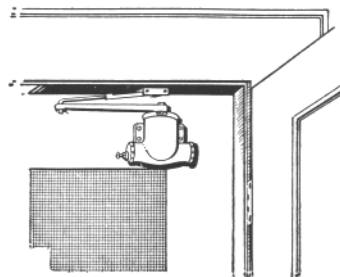
type of spring allows maximum resiliency thereby guarding against crystallization and breakage.

Speed Control. The speed of the door can be readily controlled by the adjusting screw or valve, a turn to the left increasing and a turn to the right decreasing its speed.

Application. The closer can be reversed for right or left hand doors and for the different applications by removing the arm and replacing it on the closer in the correct position for the desired application as explained in the direction sheets and templates packed with each closer.



Applied to outside of door opening
out or inside of door opening in.
Requires top rail 2½ in. wide.

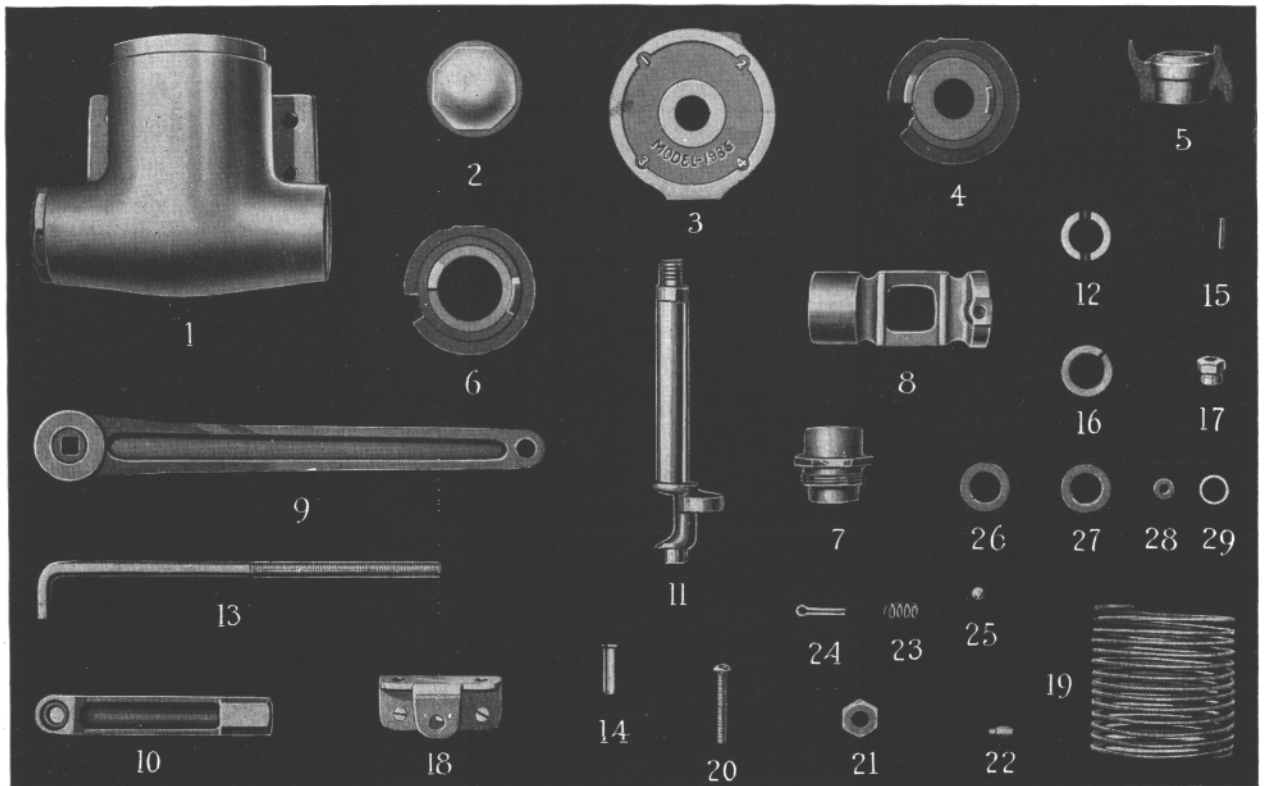


Applied to inside of door opening
out or outside of door opening in
and between doors. Requires top
rail 3½ in. wide and 3¼ in. space
between doors.



Parts for No. 0 Screen Door Closer

35



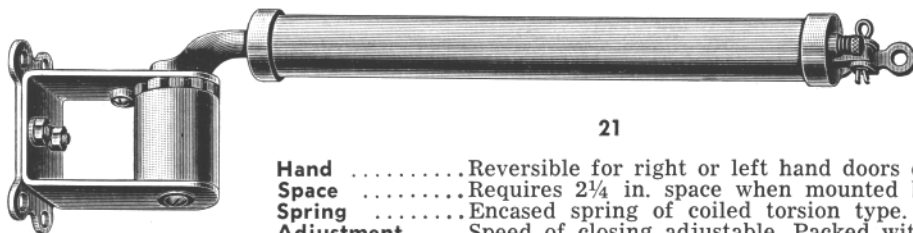
Part No.	Description	Part No.	Description
1	Case	16	Composition Gland Washer
2	Cap	17	Valve Nut
3	Cover	18	Arm Bracket
4	Top Dog	19	Coil Spring
5	Middle Dog	20	Valve Stem
6	Lower Dog	21	Spindle Nut
7	Gland	22	Piston Pin
8	Piston	23	Piston Spring
9	Main Arm	24	Cotter Pin
10	Loop	25	Valve Ball
11	Spindle	26	Leather Gland Washer
12	Gland Packing Nut	27	Cork Gland Washer
13	Extension Rod	28	Leather Valve Washer
14	Arm Bracket Rivet	29	Spring Lock Ring
15	Piston Ball Pin		

In ordering state Part Number and for No. 0 Closer.



Screen Door Closers

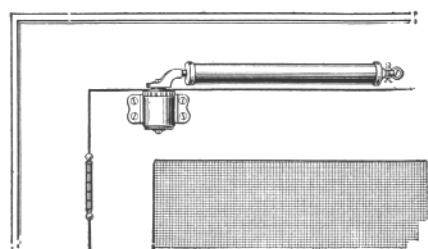
AIR CONTROL



21

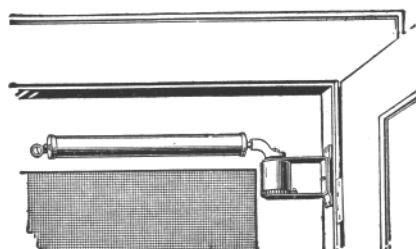
Hand Reversible for right or left hand doors opening in or out.
Space Requires 2¼ in. space when mounted between doors.
Spring Encased spring of coiled torsion type. Adjustable tension.
Adjustment Speed of closing adjustable. Packed with screws.

No.	Length Overall Inches	Finish	Jamb Bracket Inches	Tube Seamless Brass Diameter Inches	Barrel Length Inches	Packed		Weight Each
						In a Box	In a Carton	
MR 21	16¼	Maroon Bronze Finish	3¾ x 1¾	1¼	10½	1	12	3 Lbs.

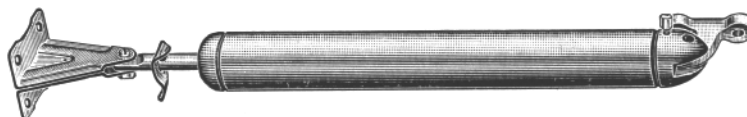


Applied to outside of door opening out or inside of door opening in.

Can be easily reversed for right or left hand doors and for the different applications by following the directions packed with each closer.



Applied between doors on inside of door opening out or outside of door opening in.



17

For use on recessed (opposite hinged side) of door only.
 2¼ in. space required when mounted between doors.
 Speed of closing adjustable. With hold open device.

No.	Length Overall Inches	Finish	Jamb Bracket Steel Inches	Tube Extruded Aluminum Diameter Inches	Barrel Length Inches	Packed		Weight Each
						In a Box	In a Carton	
17	15½	Maroon Bronze Finish	1¾ x 2	1¼	11	1	12	1½ Lbs.

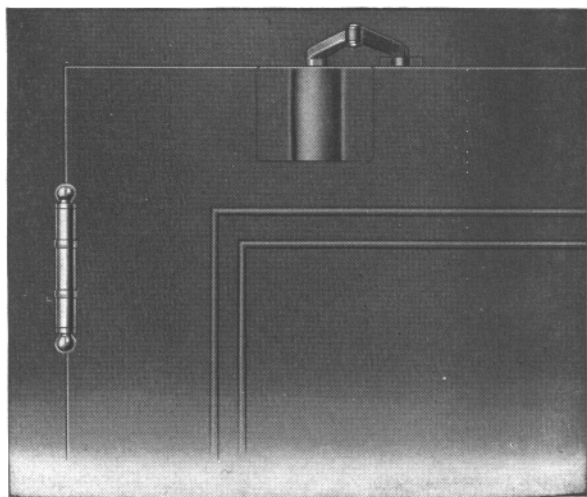
Packed with screws.



Corbin "400" Door Closer

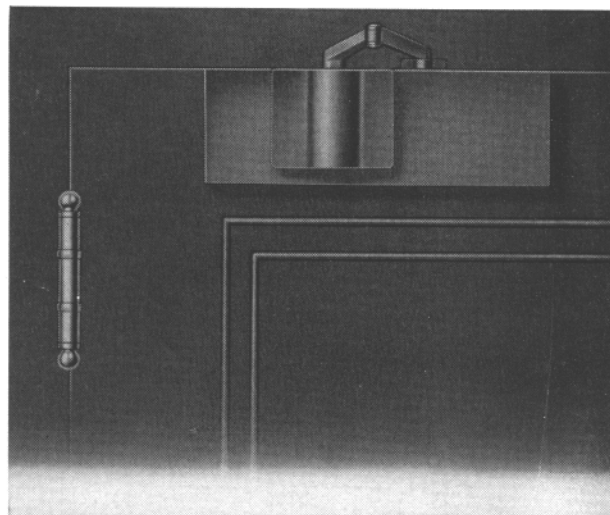
37

Patented



View of Mortise Type Applied

The only Exposed Parts are the Arm and a Small Part of the Case



View of Surface Type Applied

The Corbin "400" Door Closer is the result of intensive research aimed at developing a Door Closer of pleasing appearance and capable of superlative **performance**. Performance was made the prime consideration since consistently good **performance** remains a requirement long after the desire for total concealment for appearance is forgotten.

The soundness of design and engineering, the selection of the finest materials for each specialized function, the manufacturing precision and the patented valving system have earned for the "400" Closer an enviable record of **performance** during many years of practical service in the field under varied and difficult conditions.

The Corbin "400" Door Closer, made with one size of housing and in five spring sizes, is capable of handling all interior and exterior doors which can be handled by a Door Closer. Its patented control is superior to that of any other Door Closer. Structurally, it has no equal for strength.

Everything that makes for efficiency of operation and trouble free **performance** has been built into this precision made Door Closer and, at the same time, attractiveness and unobtrusive appearance has been obtained. Here, then, is an ideal combination, providing the ultimate in Door Closers.

Outstanding Features:

1. Exposed portion of Mortise Type Closer is smaller than the smallest size of Hydraulic Surface Closer of any known make.
2. One size of Housing with five different sizes of Springs.
3. One standardized mortise or location regardless of the door size and the degree of opening.
4. High pressure, hydraulic iron Housing.
5. Forged steel Closer Arm.
6. Automotive valve type Springs.
7. Long, precision fitted Piston.
8. Strong, heat treated and ground alloy steel Pinion.
9. Heavy, forged alloy steel Rack, heat treated and ground.

10. Two first grade Ball Bearings.
11. Two non-critical Control Valves—plus "Silence Adjustment" for noiseless complete closing at all closing speeds.
12. High lubrication value Checking Fluid which will flow at minus 60° Fahrenheit.
13. Eighteen-point built in Hold-Open Feature.
14. Eighteen through-hardened or deep-hardened wearing parts.
15. Copper Gasketing.

The Corbin "400" Closer is adapted for three different types of installations.

1. **Mortise Application:** Closer is mortised in Top Rail of door; if metal, the minimum thickness is 1½ inch; if wood or kalamein 1¾ inch. When mortised in wood or kalamein doors, two steel reinforcing plates are furnished. Projection from door is only 1¾ inches.
2. **Partial Mortise Application:** Closer is partially mortised in Top Rail of door when the thickness of the metal door is less than 1½ inches. A special cover is furnished to enclose the "400" Closer entirely.
3. **Surface Application:** Closer is mounted on surface of Top Rail of door, and as such there is no minimum limit of thickness of door. A brass cover is furnished which entirely conceals the closer. Projection from door is only 3¼ inches.

In some instances special conditions are encountered in relation to the Closers with the above application. Such instances, as well as any problems relating to the application of the arms to the frames, should be brought to the attention of our Engineering Department. For example, the "400" Closer has been successfully applied to the surface of doors whose top rail measured 2, 2½, 2½ and 3 inches.

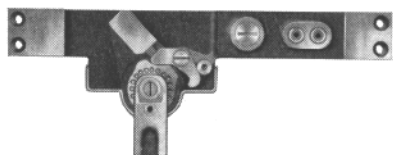
When special conditions are encountered all possible information should be sent to us, including width and thickness of door, width of stile and top rail, method of hanging door, hinge clearance, door frame detail. Careful consideration can then be given by our Engineering Department to your requirements.



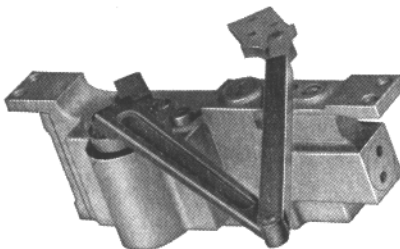
Corbin "400" Door Closer

Approved by The National Board of Fire Underwriters

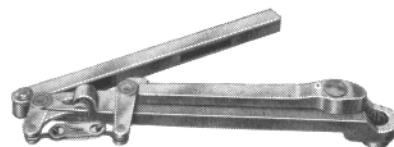
FULL MORTISE, PARTIAL MORTISE AND SURFACE APPLICATION



Hold-Open Mechanism



Patented



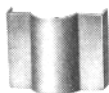
Fusible Link Arm

Size	MORTISE APPLICATION				SURFACE APPLICATION	
	Metal Doors		Wood or Kalamein Doors		All Doors	
	Regular No.	Hold-Open No.	Regular No.	Hold-Open No.	Regular No.	Hold-Open No.
2	400 M-2	400 MH-2	400 W-2	400 WH-2	400 S-2	400 SH-2
3	400 M-3	400 MH-3	400 W-3	400 WH-3	400 S-3	400 SH-3
4	400 M-4	400 MH-4	400 W-4	400 WH-4	400 S-4	400 SH-4
5	400 M-5	400 MH-5	400 W-5	400 WH-5	400 S-5	400 SH-5
6	400 M-6	400 MH-6	400 W-6	400 WH-6	400 S-6	400 SH-6

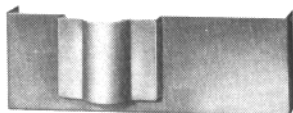
Reinforcing Plates furnished for Kalamein and Wood Doors.

Packed with Wood Screws, Machine Screws, or Through Bolts as required. Specify type required.

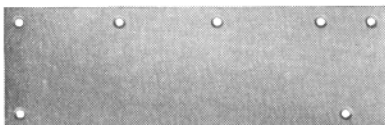
One in a Box Complete with Screws, Installation Sheets and Wrench. Weight 13 lbs.



Cover for Mortise Closer



Cover for Partial Mortise and Surface Closers

Size 5 x 15 $\frac{1}{8}$ x $\frac{3}{8}$ in.

Reinforcing Plates For Kalamein or Wood Doors

HOLD OPEN

The Patented hold-open device furnished for the "400" closer is based on the Cam and Pawl principle with all parts having glass hard surfaces. Holding Tension and Degree of hold-open are adjustable; there are eighteen holding points between 0 and 180 degrees. Holding mechanism is totally concealed when closer is applied and can be adjusted only by means of special wrench. Hold-Open device is fully automatic when set to degree of holding required.

PARTIAL MORTISE APPLICATION

It is recommended that full details of Door be submitted for partial mortise application before ordering.

FUSIBLE LINK ARM

This type of arm is designed for use with closers used on Fire Doors to allow door to close automatically in case of fire. The Hold-Open Device is constructed with a fusible link that will melt when subjected to a temperature of 165 degrees Fahrenheit allowing the door to close automatically. Furnished with No. 9 Arm only on closers Size 3, 4, 5 and 6 for doors opening to 120 degrees.

To order suffix "F" to closer number i.e. 400MHF-3, 400SHF-3, etc.

COVERS

Wrought Brass Covers regularly furnished on all closers.

REINFORCING PLATES

Wrought steel $\frac{3}{8}$ inch thick plates bolted together from one side regularly furnished with closers for mortise application on Wood or Kalamein Doors. We recommend that reinforcing plates be sent to manufacturer of Kalamein doors before doors are fabricated, and that reinforcing plates for use on wood doors be applied at the mill.

Finish: Covers and Arms are furnished Prime Coat for Painting. Plated finishes available—specify Finish required.

Specify Number, Size, Hand and Finish. See Pages 1 and 2. See Page 39 for ordering details.



Corbin "400" Door Closer

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Patented

INFORMATION NECESSARY FOR ORDERING FOR ALL INTERIOR AND EXTERIOR DOORS*

List of Sizes

Size 2—For **interior** doors not exceeding 2'-8" x 7'-0".

Size 3—For **interior** doors not exceeding 3'-4" x 7'-0", and **exterior** doors not exceeding 2'-6" x 7'-0".

Size 4—For **heavy interior** doors 4'-0" x 7'-0", and **exterior** doors not exceeding 3'-6" x 7'-0".

Size 5—For **heavy interior** doors subject to strong draughts, and **heavy exterior** doors not exceeding 3'-6" x 7'-6".

Size 6—For **extra heavy interior** doors, **exterior** doors subject to strong draughts, and doors of unusual height, width and weight.

Thickness of Doors

In the listing of door sizes above, thickness of door has been omitted since this dimension varies with the type of door and the method of application. Herewith is listed door thicknesses for the different types of door for:

Full Mortise Application: Metal Doors—1½ inches minimum, Wood or Kalamein Doors—1¾ inches minimum.

Partial Mortise Application: Metal Doors only 1 inch minimum.

Surface Application: All types of doors—any thickness.

To determine the proper size of closer, first consideration should be given to the width and height of the door and also to the draught conditions to which the door may be subjected. The weight of the door is, of course, important and also, therefore, the thickness as being contributory to the weight.

Existing installations of the Corbin "400" Closer cover extreme sizes of door widths, heights, thicknesses and weights beyond dimensions listed above. Careful consideration of unusual requirements of the Corbin "400" Closer will be given by our Engineering Department upon request.

The specifications apply to doors under normal conditions. If the door is unusually heavy or is subject to very strong draughts, use one size larger than is specified.

For metal doors minimum width of top rail is 4" for Mortise application.

For wood or kalamein doors minimum width of stile and top rail is 5" for Mortise application.

Finishes: The Cover and Arms are regularly furnished with Prime Coat. All other finishes are special.

Case and arm of closers on Outswinging doors should be electro-galvanized.

Information Required When Ordering

The information requested below is absolutely necessary if we are to fill your orders correctly and promptly. We cannot do so without it.

1. Hand of Door.

2. Type of Door and Frame: Metal, Wood or Kalamein.

3. Thickness of Door.

4. If Wood or Kalamein Door give width of Stile and Top Rail.

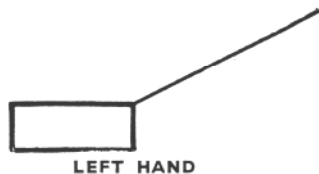
5. Size of Closer.

6. Type of Arm—Closers are regularly furnished with No. 9 Arm for 120° doors. If doors are required to open between 120° and 180° specify No. 11 Arm.

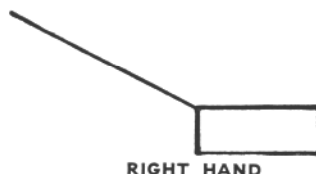
7. Finish—Cover and Arms only, if other than Prime Coat.

8. The regular Bracket is standard for mortise application. The 400-1 Bracket is standard for surface application. Either Bracket is available for either type of application, when so ordered.

9. Surface type Checks can be furnished with Parallel Arm. see Page 42. In ordering, prefix -P to number, thus: -P400S-2.



LEFT HAND



RIGHT HAND

Suggested Specification

Door Closers for all Interior and Exterior metal doors not less than 1½ inches thick and wood or kalamein doors not less than 1¾ inches thick shall be of the Semi-Concealed type partially mortised into the top rail, such as the Corbin "400" Semi-Concealed Door Closer, manufactured by Corbin Lock Company of Canada Limited.

Closers shall be of Rack and Pinion construction, with dual, independent valve control and "Silence Adjustment," two helical compression springs, forged steel closer

arm, and tubular adjustable frame arm. The operating spindle shall be mounted in two ball bearings.

Closers shall have a totally concealed, adjustable, fully automatic hold-open, with all parts hardened against wear.

Closers shall be of one size with various spring capacities and all capacities shall be interchangeable in the same mortise.

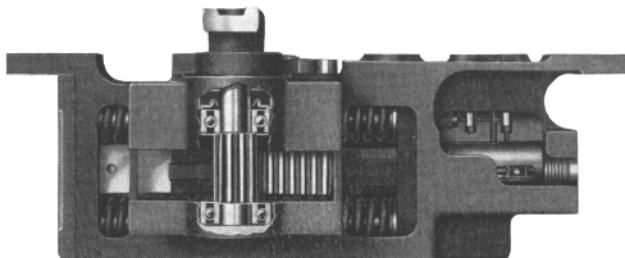
* Outswinging Exterior doors equipped with mortised "400" closer should be protected by reveal or canopy over top of door.



Corbin "400" Door Closer

Patented

MECHANICAL DETAILS



1. **Case:** Alloy cast iron, the same as used in the cylinders of high pressure hydraulic devices. Precision machined.
2. **Arms:** Forged steel and tubular sections. All turning or wearing parts are pack hardened, giving glass hard surfaces.
3. **Springs:** Helical, automobile valve type. Made of high carbon steel, oil tempered after winding.
4. **Piston:** 1 3/4 inch long. This makes for long life, giving a long bearing surface, decreasing the amount of wear and increasing the length of time during which the Piston effectively seals and the Closer effectively checks.
5. **Nickel Steel Rack:** Accurately cut and heat treated. The back bearing surface is ground to a glass smooth finish and slides against a hardened and ground steel block.
6. **Alloy Steel Pinion:** Accurately cut and heat treated. Cut from a single piece of steel making a true one piece Pinion. All shaft surfaces are ground.
7. **Ball Bearings:** Two large Ball Bearings of the same type and manufacture used in fine automobiles. Self lubricating.
8. **Oil Seal:** Same type and manufacture used in fine automotive design. Successfully resists capillary attraction. There are no packing nuts, glands, or tightly seated packings. The Oil Seal used is practically frictionless.
9. **Valves:** Dual control, plus "silence adjustment" (patented). Wide range of valve movement. No fussy or hairline adjustments. Large packing area with 1 leather and 2 buna washers to each valve.

With the system of valve control used in the Corbin "400" Door Closer, any desired manner of closing may be obtained. One valve controls the door up to approximately ten degrees of the Latch, and the second valve controls the latching speed. The door may be closed in less than three seconds from 90° so quietly that there is no audible contact between the door and the stop. This is accomplished with the "silence

adjustment." The Latch Control Valve may be so adjusted that the speed of the door may be hastened sufficiently to pull the stiffest latch beyond the lip of the strike and then the movement of the door may be slowed down as to give noiseless complete closing, by means of the "silence adjustment." If exceptionally strong draughts are encountered or if door or frame is warped, the Latch Control Valve may be so adjusted as to hasten the movement of the door during the last few degrees of closing to bring the door against the stop, ensuring positive and complete latching.

10. **Leak Proof:** We firmly believe that the Corbin "400" Door Closer is as leak proof as it is possible to make any door closer. The Cylinder Plug is provided with an exceptionally long thread and has a copper gasket under the flange. No cement or other compound is used. The packings throughout the Closer are of copper, oil proof fibre, chrome tanned leather and buna.
11. **Checking Fluid:** Mineral Oil, compounded to our own formula. Flows at extremely low temperatures. Has high lubrication value. The use of Mineral Oil is possible because of the alloy iron used in the making of the Case.
12. **Installation:** Exceptionally easy. The re-inforcements are simple and actually strengthen the door where the Closer is applied. The Corbin "400" Door Closer is applicable as standard to Hollow Metal Doors 1 1/2 inches or more in thickness, and to Wood Doors 1 3/4 inches or more in thickness.

In the Corbin "400" Door Closer you will find:

1. Two Alloy steel parts, heat treated.
2. 18 parts pack or case hardened.

These constitute striking examples of the type of construction built into this modern Door Closing Machine.

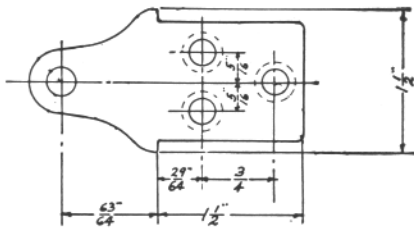


Corbin "400" Door Closers

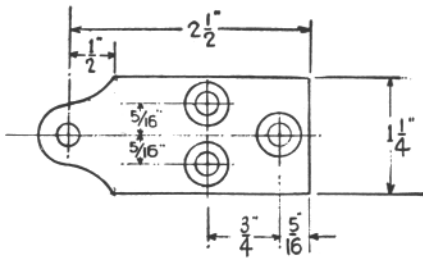
41

Rev. 6-1-57

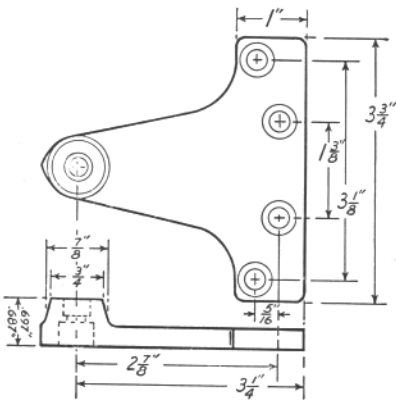
SPECIAL ARM BRACKETS FOR UNUSUAL CONDITIONS



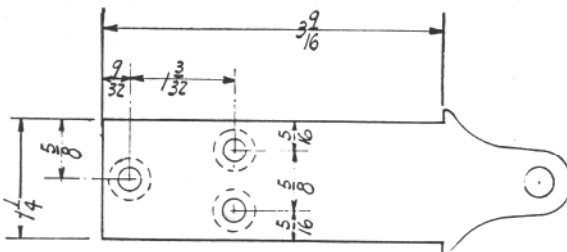
400 (Regular Bracket)
Bracket $\frac{1}{8}$ " thick



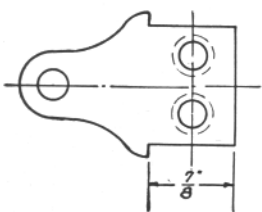
*400-3



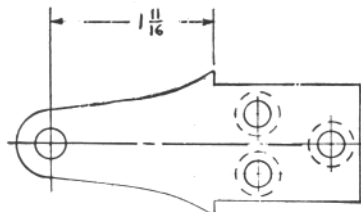
P400S-21 for
mounting on
soffit



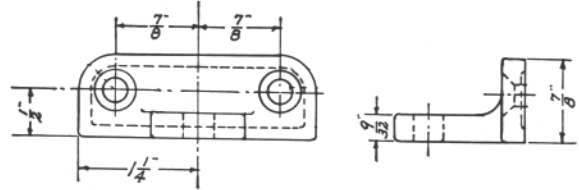
*400-4



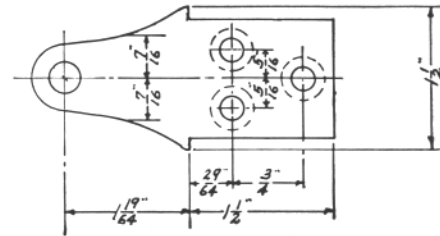
*400-8



*400-9

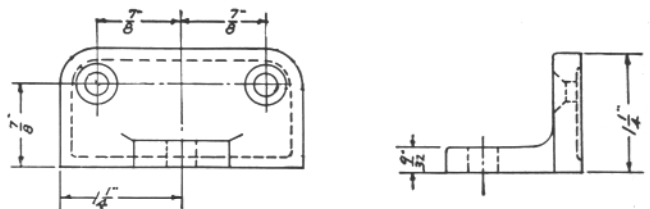
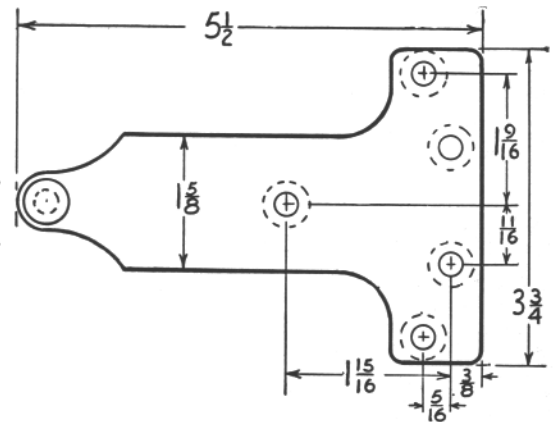


400-1

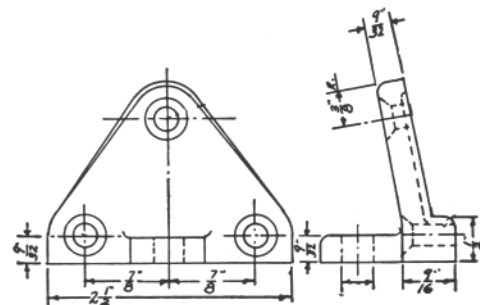


*400-2

P400S-22 for
mounting
on top stop.



400-5



400-7

*Other dimensions same as on Regular Bracket 400.

These Brackets represent only a few of the special adaptations available. Special Brackets may be obtained to suit practically any special condition; information will be furnished readily by our Engineering Department upon request.



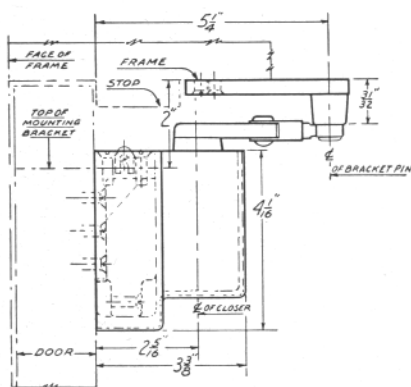
42

Rev. 6-1-57

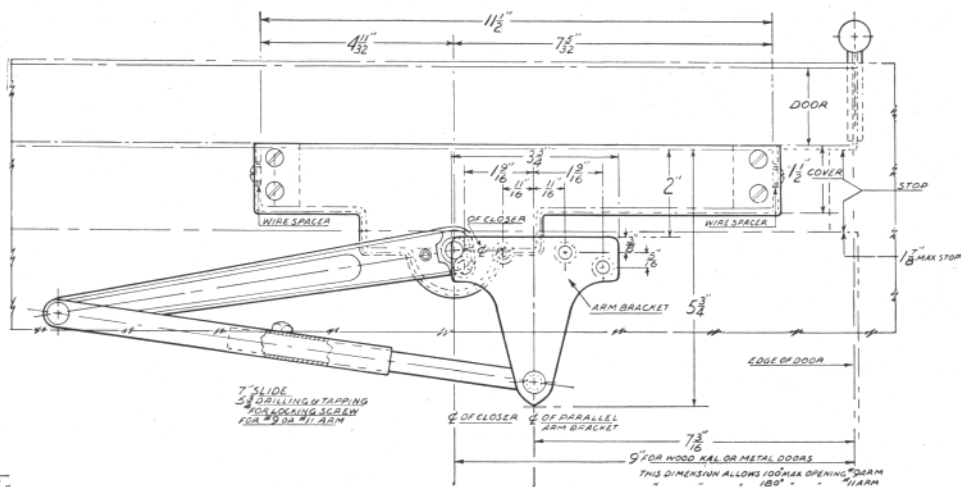
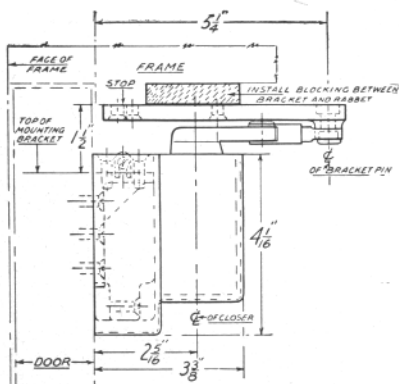
Application of Corbin "400" Door Closer

SURFACE TYPE WITH PARALLEL ARMS

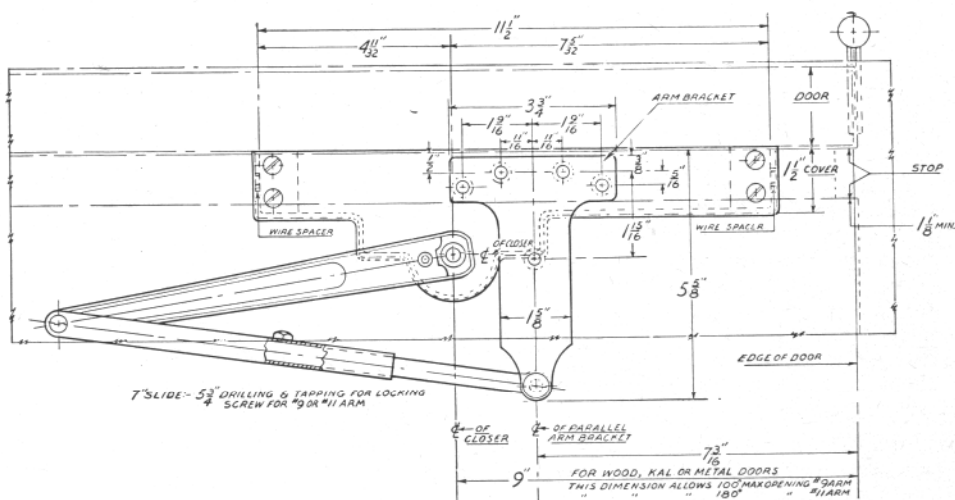
RIGHT HAND
SHOWN



RIGHT HAND
SHOWN



WITH BRACKET NO. 21



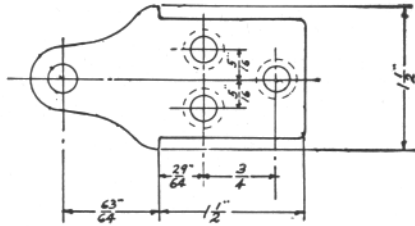
WITH BRACKET NO. 22

Corbin "400" Door Closers

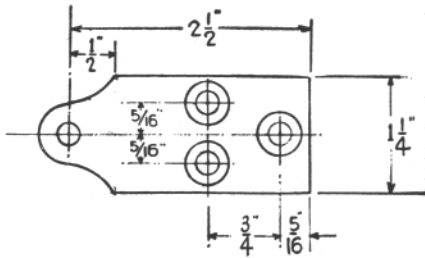
41

Rev. 6-1-57

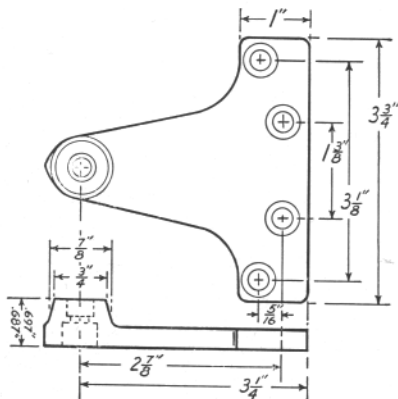
SPECIAL ARM BRACKETS FOR UNUSUAL CONDITIONS



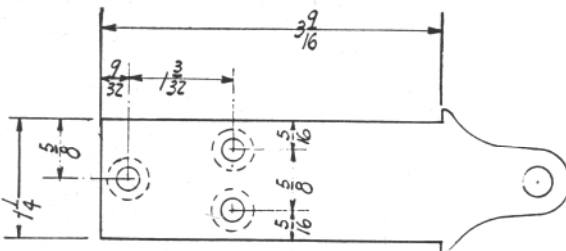
400 (Regular Bracket)
Bracket $\frac{1}{2}$ " thick



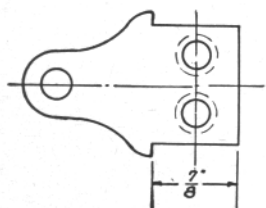
*400-3



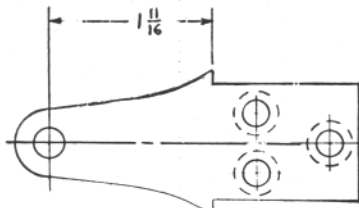
P400S-21 for
mounting on
soffit



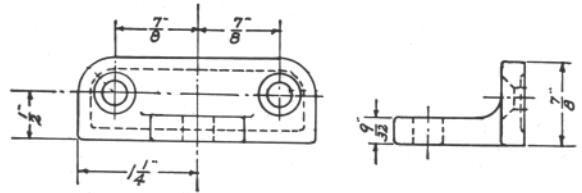
*400-4



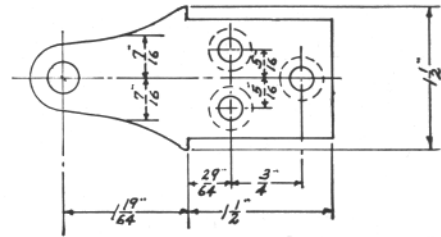
*400-8



*400-9

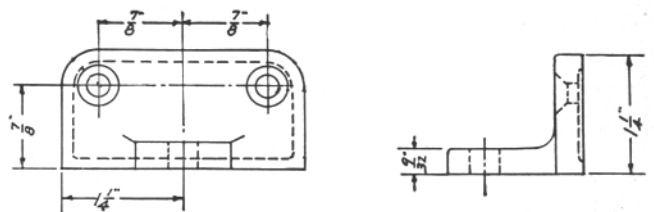
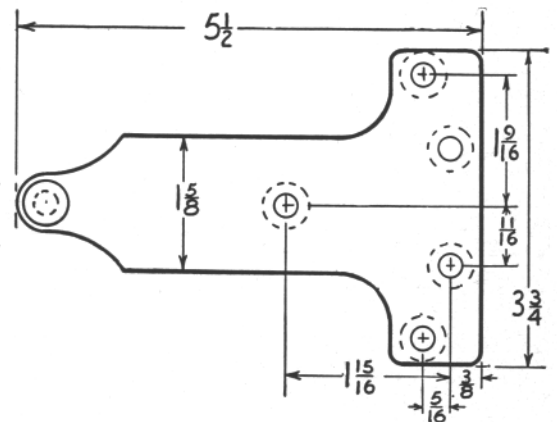


400-1

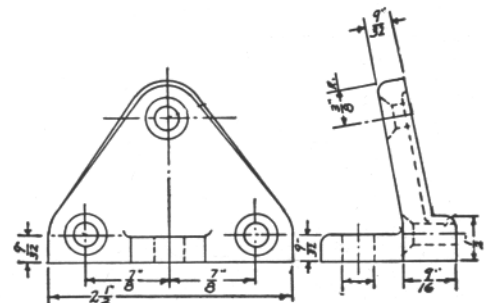


*400-2

P400S-22 for
mounting
on top stop.



400-5



400-7

*Other dimensions same as on Regular Bracket 400.

These Brackets represent only a few of the special adaptations available. Special Brackets may be obtained to suit practically any special condition; information will be furnished readily by our Engineering Department upon request.



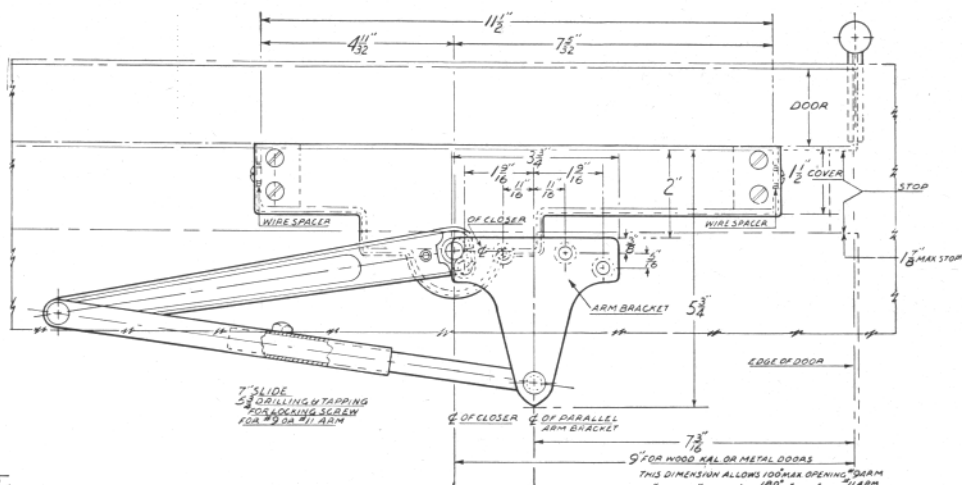
42

Rev. 6-1-57

Application of Corbin "400" Door Closer

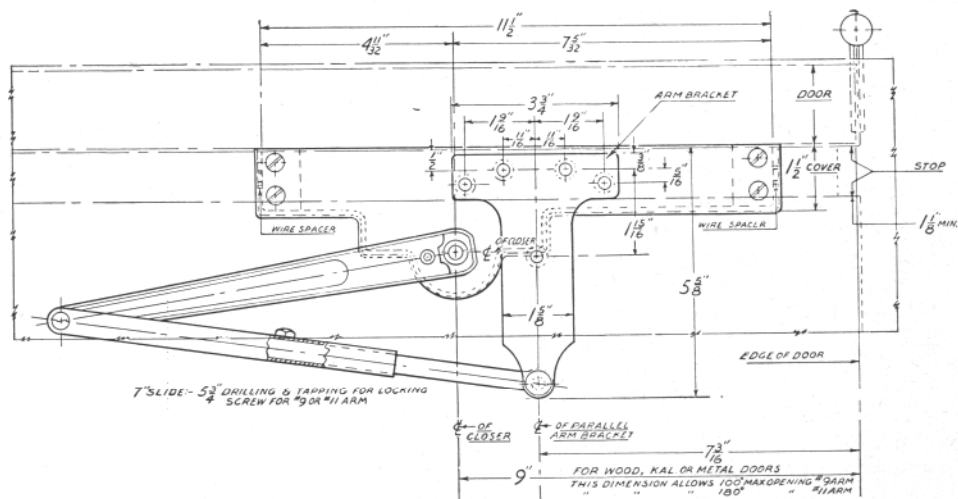
SURFACE TYPE WITH PARALLEL ARMS

RIGHT HAND
SHOWN



WITH BRACKET NO. 21

RIGHT HAND
SHOWN

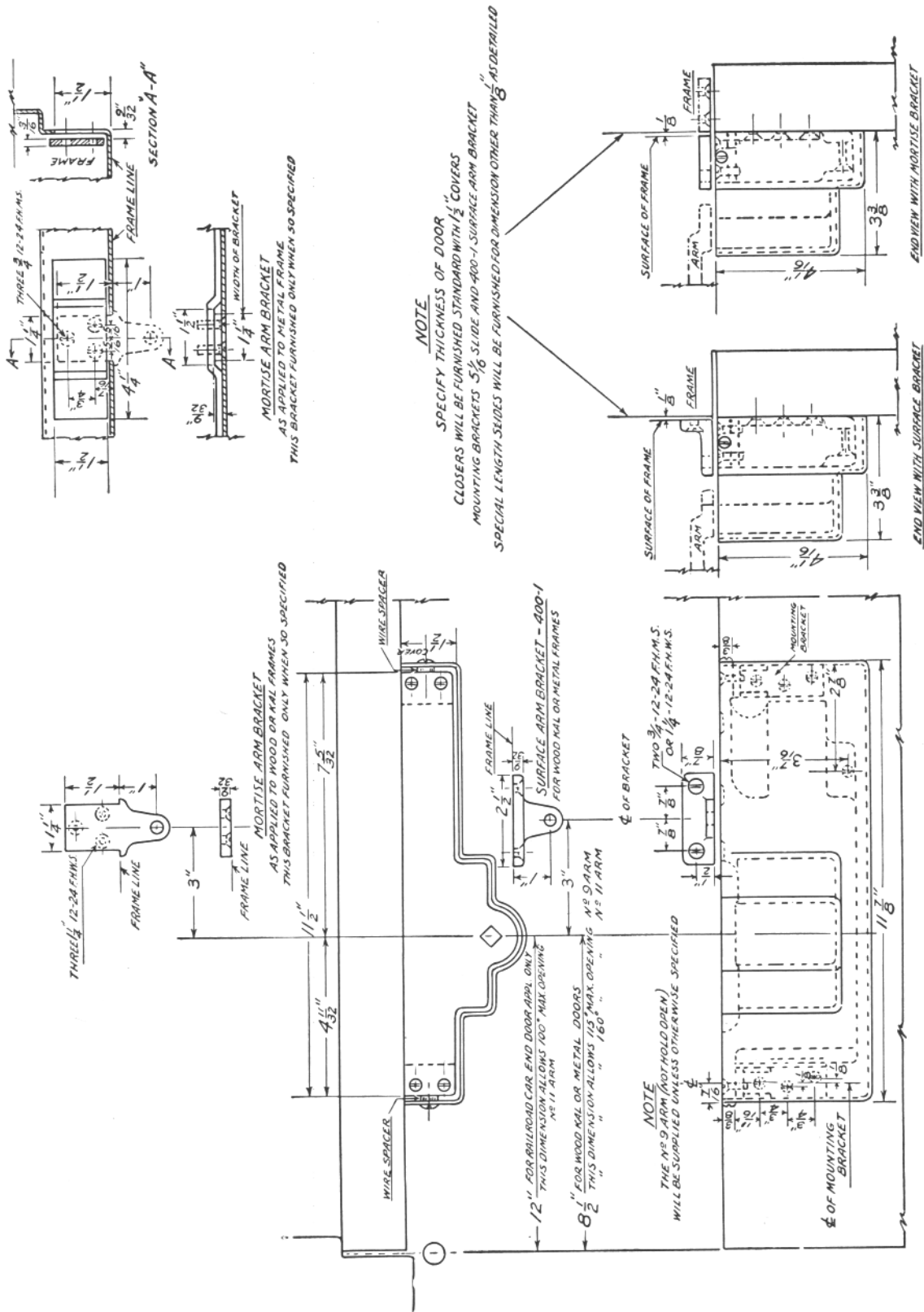


WITH BRACKET NO. 22

Application of Corbin "400" Door Closer

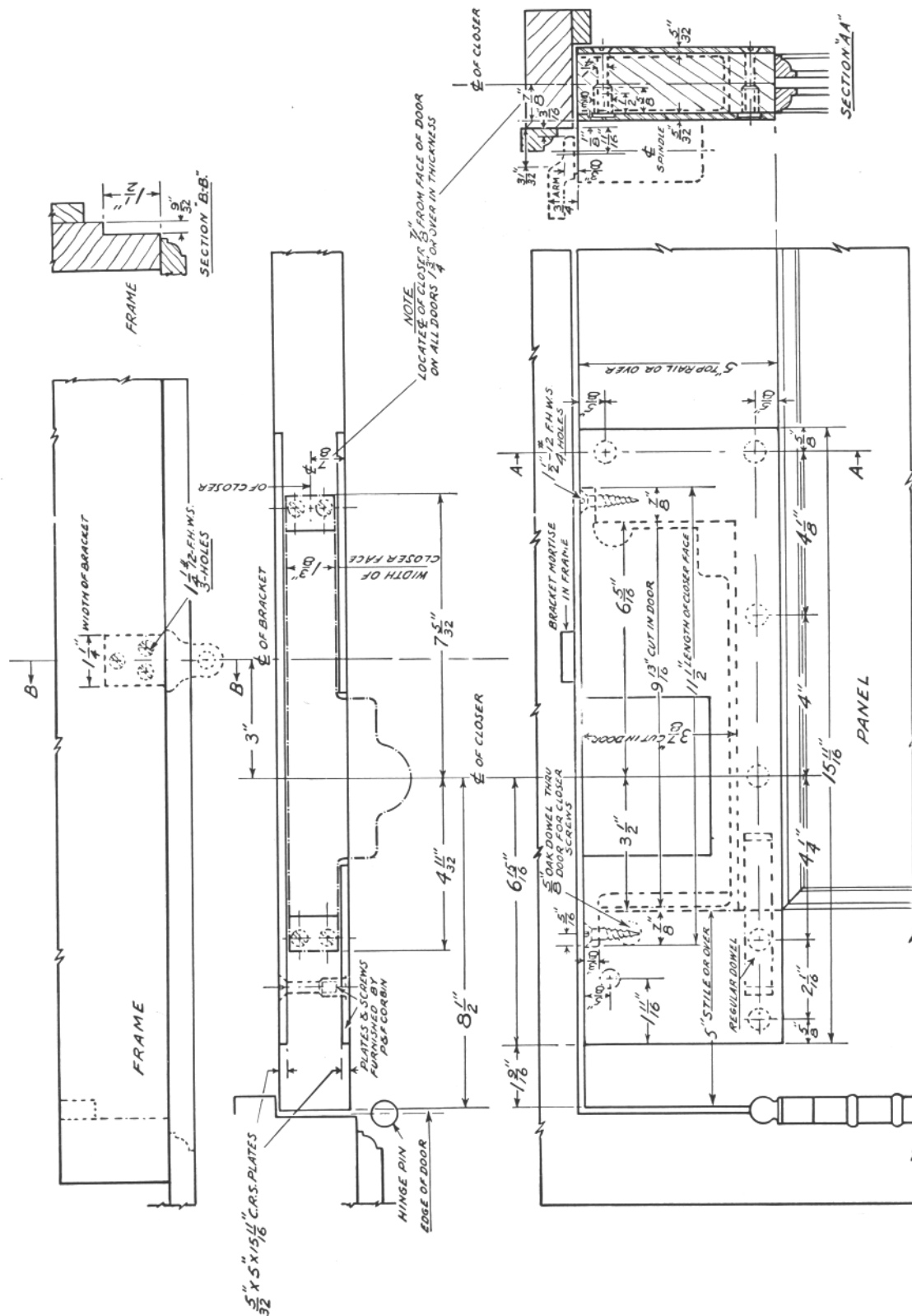
SURFACE—FOR WOOD, KALAMEIN OR METAL DOORS—ANY THICKNESS

RIGHT HAND SHOWN



Application of Corbin "400" Door Closer

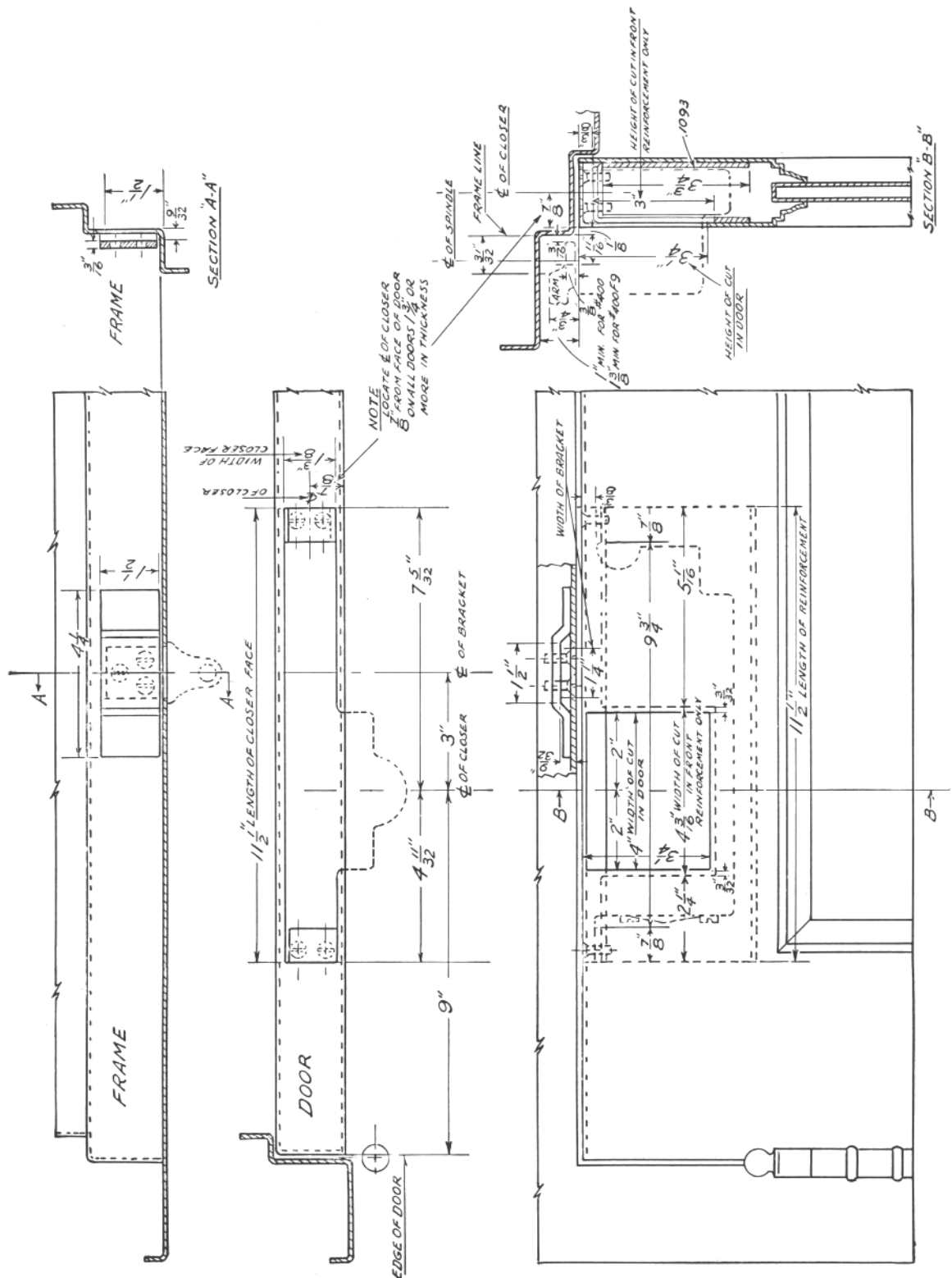
MORTISE—FOR WOOD OR KALAMEIN DOORS—1¾ INCH OR OVER
RIGHT HAND SHOWN



45

MORTISE—FOR HOLLOW METAL DOORS—1¾ INCH OR OVER

RIGHT HAND SHOWN





CANADA

BOLTS

FLUSH BOLTS

EXTENSION FLUSH BOLTS

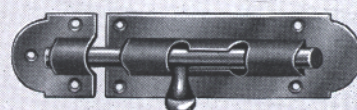
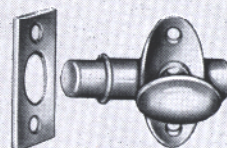
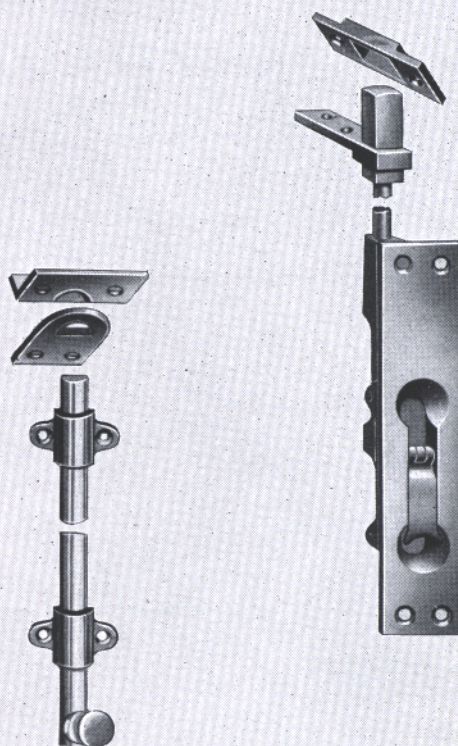
CREMONE BOLTS

SURFACE BOLTS

CHAIN AND FOOT BOLTS

BARREL BOLTS

MORTISE BOLTS



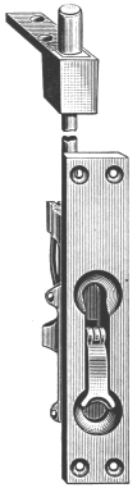


INDEX OF

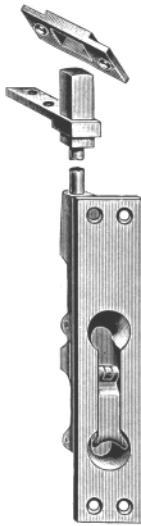
Item	Page
BOLTS:	
Barrel	50
Flush	50
Extension Flush	49
Cremone	51
Surface	52
Chain	55
Foot	55
Mortise	54

Extension Flush Bolts

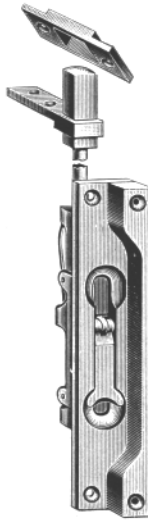
49



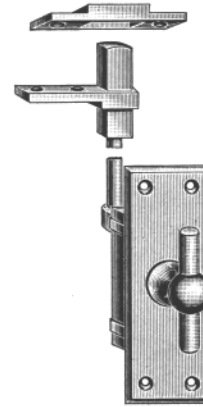
2850
Type of 2851



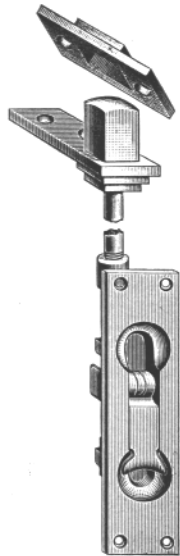
2856



2857
Rabbit $\frac{1}{2}$ in.
Reversible



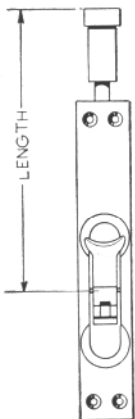
2858
Requires $1\frac{3}{8}$ in. mortise



2859

No.	Plate Inches	Material and Finish	Length Inches	Backset of Rod Inches	Bolt Head Inches	Throw of Bolt inches	Strike Inches	Packed in a box
Cast Brass or Bronze								
2850	$6\frac{3}{4} \times 1\frac{1}{4}$	Polished	8 to 24	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	None	2
2851	$6\frac{3}{4} \times 1\frac{1}{4}$	Polished	8 to 24	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{3}{4}$	None	2
2856	$6\frac{3}{4} \times 1\frac{1}{4}$	Polished	6 to 24	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$2\frac{1}{4} \times 1$	2
2857	$6\frac{3}{4} \times 1\frac{1}{4}$	Polished	8 to 24	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$2\frac{1}{4} \times 1$	2
2858	$5 \times 1\frac{3}{4}$	Polished	8 to 24	1	$\frac{1}{2}$	$\frac{5}{8}$	$2\frac{7}{8} \times \frac{13}{16}$	2
2859	$6\frac{3}{4} \times 1\frac{1}{2}$	Polished	8 to 24	$\frac{7}{8}$	$\frac{7}{8}$	1	$2\frac{1}{4} \times 1\frac{7}{16}$	2

Packed with screws. Nos. 2850 and 2851 used with metal frames.



WEIGHT PER DOZEN

Length Inches	No. 2850 lbs.	No. 2851 lbs.	No. 2856 lbs.	No. 2857 lbs.	No. 2858 lbs.	No. 2859 lbs.
6			$10\frac{1}{8}$			
8	$10\frac{3}{4}$	$13\frac{5}{8}$	$10\frac{1}{2}$	$13\frac{1}{3}$	$14\frac{5}{8}$	18
12	$11\frac{3}{4}$	$16\frac{1}{4}$	11	$13\frac{7}{8}$	$14\frac{3}{4}$	$19\frac{1}{2}$
18	$12\frac{1}{4}$	$18\frac{3}{8}$	12	15	15	$21\frac{3}{4}$
24	13	$20\frac{1}{4}$	$12\frac{3}{4}$	$15\frac{3}{4}$	$15\frac{1}{8}$	$23\frac{5}{8}$

The length of extension flush bolts is measured from the pivot pin of the lever to top of bolt when retracted.

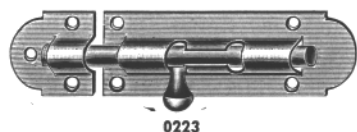
For dust proof strikes and strikes for cement.
See page 53

Specify number, size and finish. See pages 1 and 2.



50

Barrel Bolts



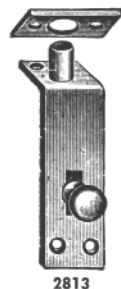
Flat Strike
Can be furnished with all numbers in place of Surface Strike, when so ordered.



Angle Strike
Can be furnished when ordered with bolts No. 0223 3-4 5 inch.

No. Surface Strike	Length Inches	Material and Finish	Plate Inches	Bolt Dia. Inches	STRIKE		Packed in a box	Weight Dozen
					Flat Inches	Surface Inches		
J0223 1/2	2 1/2	Wrought Steel Japanned without screws	1 x 2 1/2	1/4	1 x 1 1/8	1 x 1 5/16	12	1 1/4 lbs.
J0223 1/2	3	Japanned without screws	1 5/16 x 3	3/8	1 5/16 x 1 3/8	1 5/16 x 1 5/16	12	2 1/2 lbs.
J0223 1/2	4	Japanned without screws	1 3/16 x 4	3/8	1 5/16 x 1 3/8	1 5/16 x 1 5/16	12	3 1/4 lbs.
J0223 1/2	5	Japanned without screws	1 1/16 x 5	3/8	1 5/16 x 1 3/8	1 7/16 x 1 5/16	12	4 lbs.
J0223	2 1/2	Japanned with screws	1 x 2 1/2	1/4	1 x 1 1/8	1 x 1 5/16	12	1 1/4 lbs.
J0223	3	Japanned with screws	1 5/16 x 3	3/8	1 5/16 x 1 3/8	1 5/16 x 1 5/16	12	2 1/2 lbs.
J0223	4	Japanned with screws	1 3/16 x 4	3/8	1 5/16 x 1 3/8	1 5/16 x 1 5/16	12	3 1/4 lbs.
J0223	5	Japanned with screws	1 1/16 x 5	3/8	1 5/16 x 1 3/8	1 7/16 x 1 5/16	12	4 lbs.
T0223	2 1/2	Plated with screws	1 x 2 1/2	1/4	1 x 1 1/8	1 x 1 5/16	12	1 1/4 lbs.
T0223	3	Plated with screws	1 5/16 x 3	3/8	1 5/16 x 1 3/8	1 5/16 x 1 5/16	12	2 1/2 lbs.
T0223	4	Plated with screws	1 3/16 x 4	3/8	1 5/16 x 1 3/8	1 5/16 x 1 5/16	12	3 1/4 lbs.
T0223	5	Plated with screws	1 1/16 x 5	3/8	1 5/16 x 1 3/8	1 7/16 x 1 5/16	12	4 lbs.

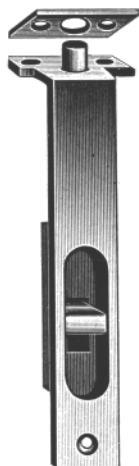
Japanned Bolts have Japanned Plate with steel bolt and Brass Plated Knob.



2813



2823, 02823



2834

Flush Bolts

WEIGHT PER DOZEN

Length Inches	No. 2813	No. 2823 No. 02823	No. 2834
2 7/8 x 3/4	1 1/2 lbs.		
2 7/8 x 1	2 1/2 lbs.		
6		5 1/4 lbs.	6 lbs.
8		6 lbs.	7 lbs.
12		10 lbs.	11 lbs.

No.	Length Inches	Material and Finish	Width of Plate	Width of Lip	Diameter of Bolt	Throw of Bolt	Strike	Packed in a Box
2823	6-8-12	Cast Brass or Bronze Polished	1 in.	1 5/16 in.	7/16 in.	1 1/8 in.	1 3/4 x 1 in.	6
2834	6-8-12	Polished	1 in.	1 in.	7/16 in.	1 1/16 in.	1 3/4 x 1 in.	6
2813	2 7/8	Wrought Brass or Bronze Polished	3/4 in.	5/8 in.	1/4 in.	1/2 in.	1 1/8 x 5/8 in.	12
2813	2 7/8	Polished	1 in.	1 1/16 in.	3/8 in.	5/8 in.	1 3/8 x 5/8 in.	12
02823	6-8-12	Cast Iron Plated	1 in.	1 5/16 in.	7/16 in.	1 1/8 in.	1 3/4 x 1 in.	6

Packed with screws.

Specify number, size and finish. See pages 1 and 2.



Cremone Bolts

51

FOR SASH OR DOORS OPENING IN OR OUT



1990



Strikes

See page 53



For Sash or Doors Opening In. For Sash or Doors Opening Out.
Both types furnished regularly with all bolts.

Strikes Type "D"



Furnished with cremone bolts, when so ordered.

Supplied stock size for doors 7 ft. 6 in. in height. Knob or handle 3 ft. 6 in. from bottom. Furnished any size required, when so ordered. Specify height of sash or door and distance from bottom to handle; otherwise stock size will be furnished.



1992

*Not Reversible

No.	Size of Case Inches	Material and Finish	Knob or Lever Size Inches	Projection Inches	Width of Guides Inches	½ Oval Rod Width Inches	Throw of Bolt Inches	Weight Each Stock Size
1990	4 ⁷ / ₁₆ x1 ¹ / ₄	Cast Brass or Bronze with Wrought Rods	2x1	1 ¹³ / ₁₆	1 ¹ / ₄	½	½	3½ lbs.
1992	4 ⁷ / ₁₆ x1 ¹ / ₄	Polished	2	2 ⁷ / ₁₆	1 ¹ / ₄	½	½	3½ lbs.

Packed one in a box with screws, rod in separate package.

*Specify hand of bolt No. 1992.

Specify number, size and finish. See pages 1 and 2.



Surface Door Bolts



1970, 01970



1971, 01971

No.	Length Inches	Material and Finish	Knob Dia. Inches	Projection Inches	Guides Width Inches	Half Oval Rod Width Inches	Throw of Bolt Inches	Strikes	
								Angle Inches	Flat Lip Inches
1970	4, 6	Wrought Brass or Bronze	$\frac{7}{16}$ $\frac{3}{4}$	$\frac{3}{4}$ 1	$\frac{13}{8}$ $1\frac{1}{2}$	$\frac{3}{8}$ $\frac{1}{2}$	$\frac{5}{8}$ $\frac{3}{4}$	$\frac{5}{8} \times 1\frac{1}{2} \times \frac{1}{2}$	$1\frac{1}{4} \times 1$
1971	6, 9, 12, 18	Polished Polished						$\frac{3}{4} \times 2 \times \frac{1}{2}$	$1\frac{1}{4} \times 1$
01970	4, 6	Wrought Steel	$\frac{7}{16}$ $\frac{3}{4}$	$\frac{3}{4}$ 1	$\frac{13}{8}$ $1\frac{1}{2}$	$\frac{3}{8}$ $\frac{1}{2}$	$\frac{5}{8}$ $\frac{3}{4}$	$\frac{5}{8} \times 1\frac{1}{2} \times \frac{1}{2}$	$1\frac{1}{4} \times 1$
01971	6, 9, 12, 18	Plated Plated						$\frac{3}{4} \times 2 \times \frac{1}{2}$	$1\frac{1}{4} \times 1$

PACKING AND WEIGHT

Length Inches	01970		01971		1970		1971	
	In a Box	Weight Dozen	In a Box	Weight Dozen	In a Box	Weight Dozen	In a Box	Weight Dozen
4	6	2¼ lbs.			6	2¼ lbs.		
6	6	2⅝ lbs.	6	4½ lbs.	6	2⅝ lbs.	6	5 lbs.
9			6	5¼ lbs.			6	6½ lbs.
12			6	6¾ lbs.			6	7¼ lbs.
18			6	9½ lbs.			6	9 lbs.

Packed with screws.

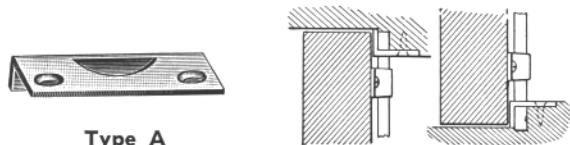
Specify number, size and finish. See pages 1 and 2.



Strikes

FOR CREMONE AND SURFACE BOLTS

ANGLE STRIKES



Type A

Size, In.	Return, In.	Material	For Bolts
5/8 x 1/2	1/2	Wrought Brass or Bronze	1970
3/4 x 2	1/2		1971, 1990, 1992

This type of strike furnished regularly with all surface and cremone bolts.

FLAT STRIKES

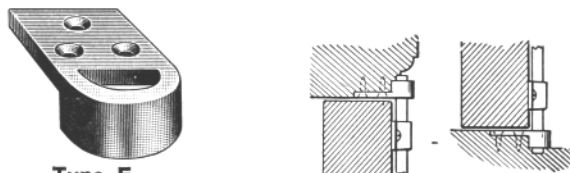


Type C

Size, In.	Material	For Bolts
7/8 x 2	Wrought Brass or Bronze	1971, 1990, 1992

This type of strike furnished with surface and cremone bolts only when so ordered.

BOXED LIP STRIKES



Type E

Size, In.	Material	For Bolts
1 3/4 x 7/8	Cast Brass or Bronze	1971, 1990, 1992.

This type of strike furnished with surface and cremone bolts only when so ordered.

In ordering state type of strike required and number of bolt with which it is to be used.

FLAT LIP STRIKES



Type B

Size, In.	Material	For Bolts
1 1/4 x 1	Wrought Brass or Bronze	1970, 1971, 1990, 1992

This type of strike furnished regularly with all surface and cremone bolts.

RIM STRIKES

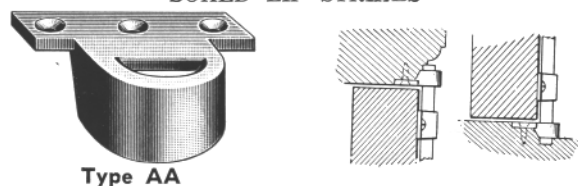


Type D

Size, In.	Material	For Bolts
5/8 x 1 1/8 5/8 x 1 3/16	Cast Brass or Bronze	1970
		1971, 1990, 1992

This type of strike furnished with surface and cremone bolts only when so ordered.

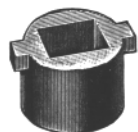
BOXED LIP STRIKES



Type AA

Size In.	Proj. In.	Height In.	Material	For Bolts
5/8 x 1 3/4	1/2	1/2	Cast Brass or Bronze	1971, 1990, 1992

This type of strike furnished with surface and cremone bolts only when so ordered.



76

For cement



74, 75

Dust Proof Strikes

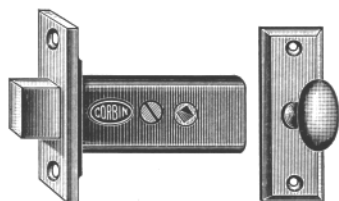
No.	For Bolt	Material and Finish	Face Inches	Depth of Mortise	For bolt Size In.
74	2850	Cast Brass or Bronze Polished	2 3/4 x 1 3/8	1 3/4 in.	1/2
75	2851		3 1/4 x 1 7/8	1 7/8 in.	7/8
76	2850, 2856, 2858		1 1/8 Dia.	3/4 in.	1/2

Specify number and finish. See pages 1 and 2.



54

Mortise Bolts



263

CaseJapanned Iron Case $1\frac{1}{4} \times 2\frac{1}{2} \times \frac{9}{16}$ inches.
Front $2\frac{1}{2} \times 1\frac{3}{16}$ inches.
HubBronze $\frac{3}{16}$ inches.
Strike $2\frac{3}{8} \times \frac{3}{4}$ inches.
OperationBy thumb knob one side only.

No.	Front	Bolt	Backset Inches	Thumb Knob		Packed in a Box	Weight Dozen
				No.	Size		
263	Cast Brass or Bronze Polished	Cast Bronze	1 $\frac{3}{4}$	2148	2 $\frac{3}{4}$ x 1 in.	6	6 $\frac{3}{4}$ lbs.

Packed with screws.

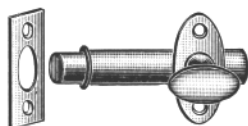


264

CaseJapanned Iron Case $1\frac{1}{4} \times 3\frac{3}{8} \times 1\frac{1}{2}$ inches.
Front $2\frac{1}{2} \times 1\frac{3}{16}$ inches.
HubBronze $\frac{3}{16}$ inches.
Strike $2\frac{3}{8} \times \frac{3}{4}$ inches.
OperationBy thumb knob one side only.

No.	Front	Bolt	Backset Inches	Thumb Knob		Packed in a Box	Weight Dozen
				No.	Size		
264	Cast Brass or Bronze Polished	Cast Bronze	2 $\frac{1}{2}$	2148	2 $\frac{3}{4}$ x 1 in.	6	7 $\frac{1}{2}$ lbs.

Packed with screws.



266, 0266

No.	Backset Inches	Material and Finish	Plate Inches	Knob Inches	Strike Inches	Packed in a Box	Weight Dozen
266	1 $\frac{3}{4}$	Wrought Brass or Bronze Cast Brass or Bronze Knob Iron Bolt Polished	1 $\frac{3}{4}$ x $\frac{7}{8}$	1 $\frac{1}{8}$ x $\frac{11}{16}$	1 $\frac{3}{4}$ x 1	12	3 lbs.
0266	1 $\frac{3}{4}$	Wrought Steel Cast iron bolt and Knob Plated	1 $\frac{3}{4}$ x $\frac{7}{8}$	1 $\frac{1}{8}$ x $\frac{11}{16}$	1 $\frac{3}{4}$ x 1	12	2 $\frac{3}{4}$ lbs.

Packed with screws.

Diameter of Bolt $\frac{1}{2}$ in.

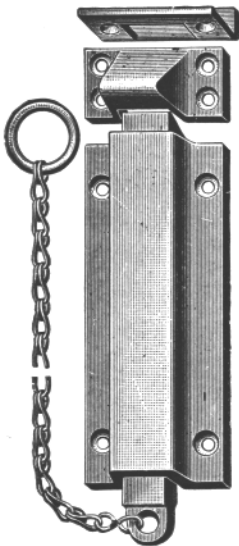
Diameter of bolt housing $\frac{9}{16}$ in.

Specify number and finish. See pages 1 and 2.

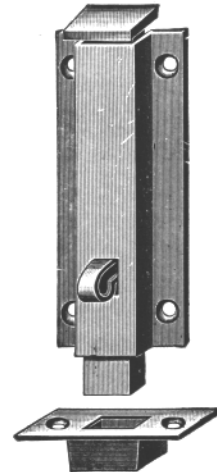


Chain and Foot Bolts

55



252, 0252



250, 0250

No.	Length Inches	Material and Finish	Width Inches	Chain Length Inches	Strikes		Packed in a Box	Weight Dozen
					Rim Ins.	Angle Ins.		
252	4	Cast Brass or Bronze	$1\frac{13}{16}$	24	$1\frac{13}{16} \times 1$	$1\frac{3}{4} \times \frac{7}{8}$	6	10½ lbs.
252	6	Polished	$2\frac{1}{8}$	24	$2\frac{1}{8} \times 1\frac{3}{16}$	$1\frac{3}{4} \times \frac{7}{8}$	6	15¼ lbs.
J0252	4	Cast Iron	$1\frac{13}{16}$	24	$1\frac{13}{16} \times 1$	$1\frac{3}{4} \times \frac{7}{8}$	6	10 lbs.
J0252	6	Japanned without screws	$2\frac{1}{8}$	24	$2\frac{1}{8} \times 1\frac{3}{16}$	$1\frac{3}{4} \times \frac{7}{8}$	6	14¼ lbs.
0252	4	Japanned without screws	$1\frac{13}{16}$	24	$1\frac{13}{16} \times 1$	$1\frac{3}{4} \times \frac{7}{8}$	6	10 lbs.
0252	6	Polished and plated	$2\frac{1}{8}$	24	$2\frac{1}{8} \times 1\frac{3}{16}$	$1\frac{3}{4} \times \frac{7}{8}$	6	14¼ lbs.

Packed with screws excepting No. **J0252**.

Regularly furnished with regular and reverse bevel strike.

No.	Length Inches	Material and Finish	Width Inches	Strike Inches	Packed in a Box	Weight Dozen
250	4	Cast Brass or Bronze	$1\frac{3}{4}$	$2\frac{1}{8} \times 1$	6	10¾ lbs.
250	6	Polished	$2\frac{1}{8}$	$2\frac{1}{8} \times 1\frac{1}{16}$	6	13½ lbs.
J0250	4	Cast Iron	$1\frac{3}{4}$	$2\frac{1}{8} \times 1$	6	7¾ lbs.
J0250	6	Japanned without screws	$2\frac{1}{8}$	$2\frac{1}{8} \times 1\frac{1}{16}$	6	12¾ lbs.
0250	4	Japanned without screws	$1\frac{3}{4}$	$2\frac{1}{8} \times 1$	6	7¾ lbs.
0250	6	Polished and plated	$2\frac{1}{8}$	$2\frac{1}{8} \times 1\frac{1}{16}$	6	12¾ lbs.

Packed with screws excepting No. **J0250**.

Specify number, size and finish. See pages 1 and 2.





CANADA

MISCELLANEOUS HARDWARE

DOOR FASTENER

DOOR STOPS

DOOR HOLDERS

SASH HARDWARE

CASEMENT HARDWARE

TRANSOM HARDWARE

DRAWER HARDWARE

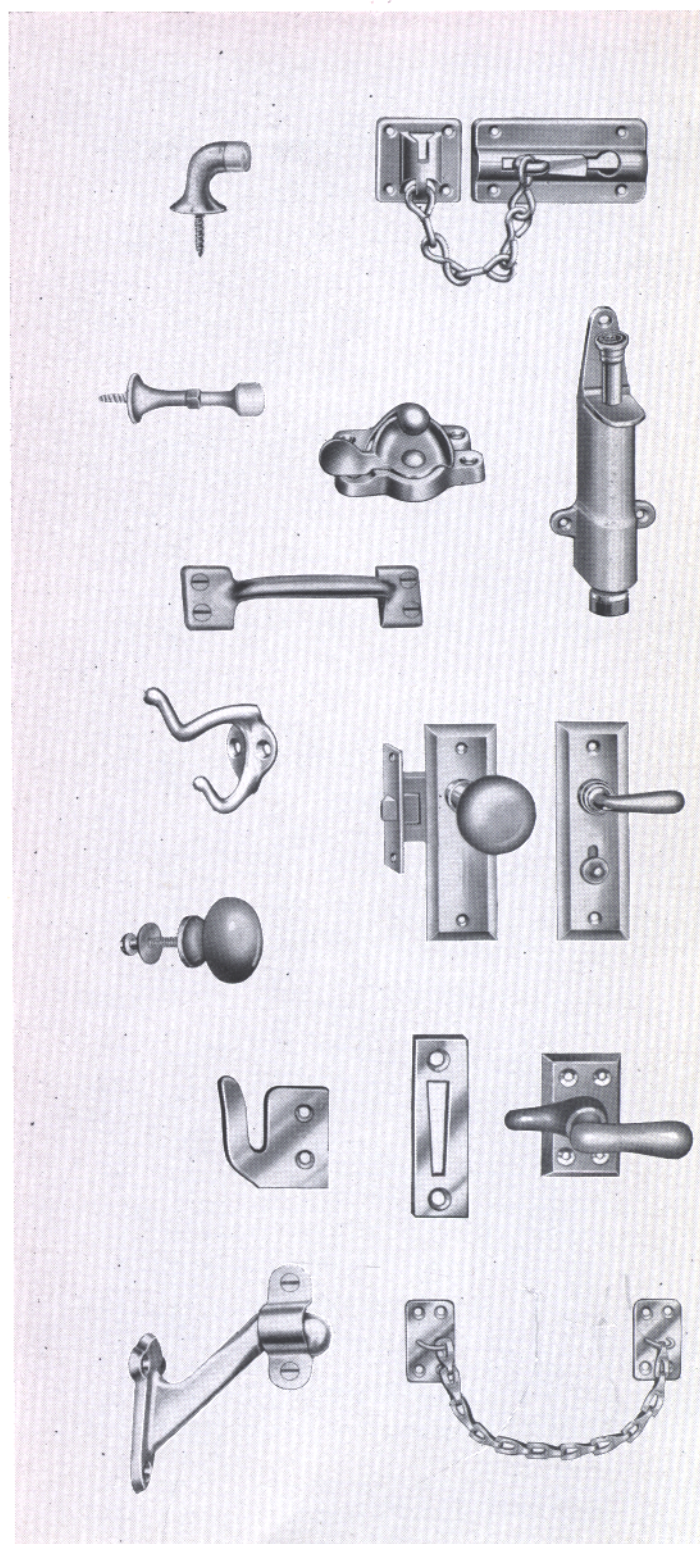
CATCHES

HOOKS

HAND RAIL BRACKETS

DOOR BELLS

SASH PULLEYS



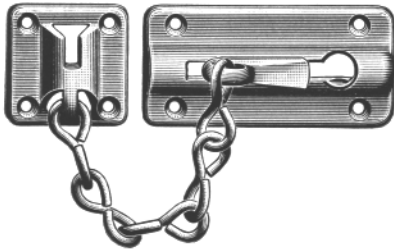


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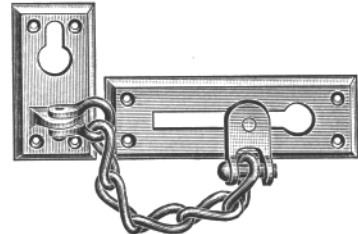
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Chain Door Fasteners

59



2266, T02266



2265, T02265

No.	Size Inches	Material and Finish	Plate Inches	Anchor Plate Inches	Chain	Packed in a Box	Weight Dozen
T2266	4	Cast Brass or Bronze Roll Polish	1 $\frac{7}{8}$ x 4	1 $\frac{7}{8}$ x 1 $\frac{7}{8}$	No. 8 Jack	6	7 lbs.
*Z02266	4	Cast Iron Sprayed Brass Finish	1 $\frac{7}{8}$ x 4	1 $\frac{7}{8}$ x 1 $\frac{7}{8}$	No. 8 Jack	6	7 lbs.
T02266	4	Plated	1 $\frac{7}{8}$ x 4	1 $\frac{7}{8}$ x 1 $\frac{7}{8}$	No. 8 Jack	6	7 lbs.
2265	4	Cast Brass or Bronze Polished	4 x 1 $\frac{5}{16}$	2 $\frac{7}{16}$ x 1 $\frac{5}{16}$	$\frac{1}{8}$ in. Link	6	5 $\frac{5}{8}$ lbs.
2265	6	Polished	6 x 1 $\frac{5}{16}$	2 $\frac{7}{16}$ x 1 $\frac{5}{16}$	$\frac{1}{8}$ in. Link	6	6 $\frac{1}{4}$ lbs.
T02265	4	Cast Iron Plated	4 x 1 $\frac{5}{16}$	2 $\frac{7}{16}$ x 1 $\frac{5}{16}$	$\frac{1}{8}$ in. Link	6	5 $\frac{5}{8}$ lbs.
T02265	6	Plated	6 x 1 $\frac{5}{16}$	2 $\frac{7}{16}$ x 1 $\frac{5}{16}$	$\frac{1}{8}$ in. Link	6	6 $\frac{1}{4}$ lbs.

Packed with screws.

*Packed without screws.

Specify number, size and finish. See pages 1 and 2.

Door Stops

WITH RUBBER BUMPERS



3763, T3763, T03763



3765 to T03766

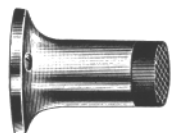


6387

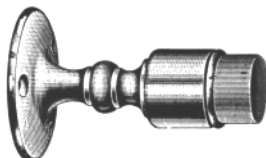
No.	Projection Inches	Material and Finish	Base Diameter Inches	Method of Attaching	Packed in a Box	Weight Dozen
3763	2½	Cast Brass or Bronze	1	Wood Screw	12	1¼ lbs.
T3763	2½	Polished	1	Wood Screw	12	1¼ lbs.
3765	3¼	Roll Polish	1⅛	Wood Screw	12	2 lbs.
T3765	3¼	Polished	1⅛	Wood Screw	12	2 lbs.
3766	3¼	Roll Polish	1⅛	Expansion Bolt	12	2¾ lbs.
T3766	3¼	Polished	1⅛	Expansion Bolt	12	2¾ lbs.
T03763	2½	Cast Iron	1	Wood Screw	12	1¼ lbs.
T03765	3¼	Plated	1⅛	Wood Screw	12	1¾ lbs.
T03766	3¼	Plated	1⅛	Expansion Bolt	12	2½ lbs.
*6387	3	Aluminum	7⁄8	Wood Screw	12	15 oz.
		Roll Polish				

Packed with screws or bolts. *Furnished only EA, DB, E and AL finishes.

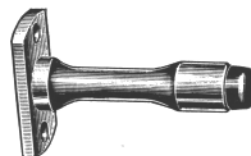
Specify number and finish. See pages 1 and 2.



3750 to T03751



3768, 3769



3790, 3791

No.	Projection Inches	Material and Finish	Base Diameter Inches	Method of Attaching	Packed in a Box	Weight Dozen
3750	2, also	Cast Brass or Bronze	2	Wood Screws	6	3½ lbs.
	2½, 3	Polished	2	Wood Screws	6	3¾ to 4 lbs.
3751	2, also	Polished	2	Expansion Bolt	6	7 lbs.
	2½, 3	Polished	2	Expansion Bolt	6	8 to 9¾ lbs.
3768	3, also	Polished	1⅞	Wood Screws	6	4¾ lbs.
	3½, 4½, 6	Polished	1⅞	Wood Screws	6	6½ to 9¾ lbs.
3769	3, also	Polished	1⅞	Expansion Bolt	6	5¼ lbs.
	3½, 4½, 6	Polished	1⅞	Expansion Bolt	6	7 to 10¼ lbs.
3790	2¾, also	Polished	2¼x1¼	Wood Screws	6	4¼ lbs.
	3½, 4¼, 5¼	Polished	2¼x1¼	Wood Screws	6	5 to 6½ lbs.
3791	2¾, also	Polished	2¼x1¼	Expansion Shields	6	5¼ lbs.
	3½, 4¼, 5¼	Polished	2¼x1¼	Expansion Shields	6	6½ to 7¾ lbs.
T03750	2, also	Cast Iron	2	Wood Screws	6	2¾ lbs.
	2½, 3	Plated	2	Wood Screws	6	3¾ to 4 lbs.
T03751	2, also	Plated	2	Expansion Bolt	6	5¼ lbs.
	2½, 3	Plated	2	Expansion Bolt	6	7¼ to 9 lbs.

Packed with screws or bolts.

Specify number, size and finish. See pages 1 and 2.

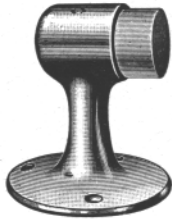


Door Stops

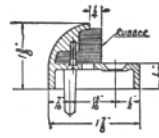
WITH RUBBER BUMPERS

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3770, 3771



3756, 3757
Type of 6756, 6757



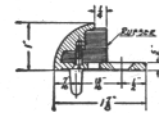
3762, T03762



3752 to T03753



6373



3758, 3759
Type of 6758, 6759

No.	Height Inches	Material and Finish	Base Diameter Inches	Method of Attaching	Packed in a Box	Weight Dozen
Cast Brass or Bronze						
3752	2¼	Polished	2	Wood Screws	6	4½ lbs.
3753	2¼	Polished	2	Expansion Bolt	6	8¼ lbs.
3762	1⅝	Polished	1¼	Wood Screw	12	1⅞ lbs.
T3762	1⅝	Roll Polish	1¼	Wood Screw	12	1⅞ lbs.
3756	1⅝	Polished	1⅞	Wood Screw	6	3¾ lbs.
3757	1⅝	Polished	1⅞	Expansion Shield	6	4⅞ lbs.
3758	1	Polished	1⅞	Wood Screw	6	2⅝ lbs.
3759	1	Polished	1⅞	Expansion Shield	6	3 lbs.
3770	3	Polished	2½	Wood Screws	3	9 lbs.
3771	3	Polished	2½	Expansion Bolt	3	10⅞ lbs.
Cast Iron						
T03752	2¼	Plated	2	Wood Screws	6	4 lbs.
T03753	2¼	Plated	2	Expansion Bolt	6	7½ lbs.
T03762	1⅝	Plated	1¼	Wood Screw	12	1¾ lbs.
Aluminum						
6756	1⅝	Alumilited	1⅞	Wood Screw	6	1¼ lbs.
6757	1⅝	Alumilited	1⅞	Expansion Shield	6	1⅝ lbs.
6758	1	Alumilited	1⅞	Wood Screw	6	⅞ lbs.
6759	1	Alumilited	1⅞	Expansion Shield	6	1 lb.
6373	1½	Roll Polish	1¼	Wood Screw	12	1 lb.

Packed with screws or bolt.

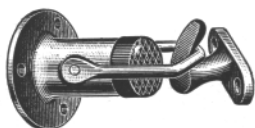
Specify number and finish. See pages 1 and 2.

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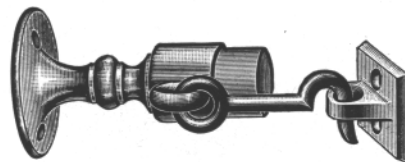
Rev. 6-1-57

Door Stops and Holders

WITH RUBBER BUMPERS



3740 to T03741



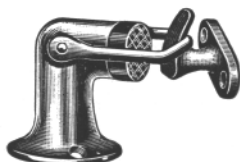
*3778, 3779, Right Hand

No.	Projection Inches	Material and Finish	Base Diameter Inches	Staple Inches	Method of Attaching	Packed in a Box	Weight Dozen
Cast Brass or Bronze							
3740	2, also	Polished	2	1 $\frac{1}{16}$ x $\frac{9}{16}$	Wood screws	1	5 $\frac{1}{2}$ lbs.
	2 $\frac{1}{2}$, 3	Polished	2	1 $\frac{1}{16}$ x $\frac{9}{16}$	Wood screws	1	6 to 7 $\frac{1}{2}$ lbs.
3741	2, also	Polished	2	1 $\frac{1}{16}$ x $\frac{9}{16}$	Expansion Bolt	1	9 lbs.
	2 $\frac{1}{2}$, 3	Polished	2	1 $\frac{1}{16}$ x $\frac{9}{16}$	Expansion Bolt	1	10 to 11 $\frac{1}{4}$ lbs.
3778	3, also	Polished	1 $\frac{7}{8}$	1 $\frac{5}{16}$ x 1 $\frac{3}{16}$	Wood screws	1	8 $\frac{3}{4}$ lbs.
	3 $\frac{1}{2}$, 4 $\frac{1}{2}$, 6	Polished	1 $\frac{7}{8}$	1 $\frac{5}{16}$ x 1 $\frac{3}{16}$	Wood screws	1	9 to 14 $\frac{1}{4}$ lbs.
3779	3, also	Polished	1 $\frac{7}{8}$	1 $\frac{5}{16}$ x 1 $\frac{3}{16}$	Expansion Bolt	1	10 $\frac{1}{8}$ lbs.
	3 $\frac{1}{2}$, 4 $\frac{1}{2}$, 6	Polished	1 $\frac{7}{8}$	1 $\frac{5}{16}$ x 1 $\frac{3}{16}$	Expansion Bolt	1	10 $\frac{1}{3}$ to 15 lbs.
Cast Iron							
T03740	2, also	Plated	2	1 $\frac{1}{16}$ x $\frac{9}{16}$	Wood screws	1	4 $\frac{1}{4}$ lbs.
	2 $\frac{1}{2}$, 3	Plated	2	1 $\frac{1}{16}$ x $\frac{9}{16}$	Wood screws	1	5 to 5 $\frac{5}{8}$ lbs.
T03741	2, also	Plated	2	1 $\frac{1}{16}$ x $\frac{9}{16}$	Expansion Bolt	1	6 lbs.
	2 $\frac{1}{2}$, 3	Plated	2	1 $\frac{1}{16}$ x $\frac{9}{16}$	Expansion Bolt	1	7 to 8 $\frac{5}{8}$ lbs.

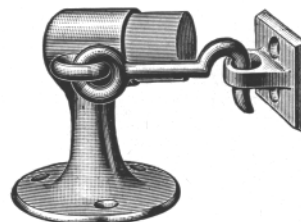
Packed with screws or bolts.

Specify number, size required and finish. See pages 1 and 2.

*Door stops and holders are regularly furnished right hand. Left hand furnished only when hand is specified on order.



3742 to T03743



*3780, 3781, Right Hand

No.	Height Inches	Material and Finish	Base Diameter Inches	Staple Inches	Method of Attaching	Packed in a Box	Weight Dozen
Cast Brass or Bronze							
3742	2 $\frac{1}{4}$	Polished	2	1 $\frac{1}{16}$ x $\frac{9}{16}$	Wood screws	1	6 $\frac{3}{8}$ lbs.
3743	2 $\frac{1}{4}$	Polished	2	1 $\frac{1}{16}$ x $\frac{9}{16}$	Expansion Bolt	1	10 lbs.
3780	3	Polished	2 $\frac{1}{2}$	1 $\frac{5}{16}$ x 1 $\frac{3}{16}$	Wood screws	1	14 $\frac{3}{4}$ lbs.
3781	3	Polished	2 $\frac{1}{2}$	1 $\frac{5}{16}$ x 1 $\frac{3}{16}$	Expansion Bolt	1	15 $\frac{1}{2}$ lbs.
Cast Iron							
T03742	2 $\frac{1}{4}$	Plated	2	1 $\frac{1}{16}$ x $\frac{9}{16}$	Wood screws	1	5 $\frac{5}{8}$ lbs.
T03743	2 $\frac{1}{4}$	Plated	2	1 $\frac{1}{16}$ x $\frac{9}{16}$	Expansion Bolt	1	9 $\frac{5}{8}$ lbs.

Packed with screws or bolts.

*Door stops and holders are regularly furnished right hand. Left hand furnished only when hand is specified on order.

Specify number and finish. See pages 1 and 2.

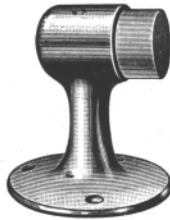


Door Stops

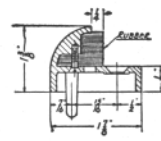
WITH RUBBER BUMPERS

61

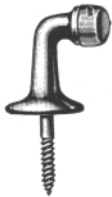
Rev. 6-1-57



3770, 3771



3756, 3757
Type of 6756, 6757



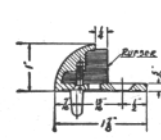
3762, T03762



3752 to T03753



6373



3758, 3759
Type of 6758, 6759

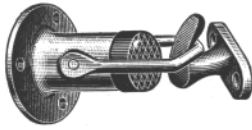
No.	Height Inches	Material and Finish	Base Diameter Inches	Method of Attaching	Packed in a Box	Weight Dozen
Cast Brass or Bronze						
3752	2¼	Polished	2	Wood Screws	6	41½ lbs.
3753	2¼	Polished	2	Expansion Bolt	6	8¼ lbs.
3762	1½	Polished	1¼	Wood Screw	12	17½ lbs.
T3762	1½	Roll Polish	1¼	Wood Screw	12	17½ lbs.
3756	1½	Polished	1½	Wood Screw	6	3¾ lbs.
3757	1¾	Polished	1½	Expansion Shield	6	4½ lbs.
3758	1	Polished	1½	Wood Screw	6	2½ lbs.
3759	1	Polished	1½	Expansion Shield	6	3 lbs.
3770	3	Polished	2½	Wood Screws	3	9 lbs.
3771	3	Polished	2½	Expansion Bolt	3	10½ lbs.
Cast Iron						
T03752	2¼	Plated	2	Wood Screws	6	4 lbs.
T03753	2¼	Plated	2	Expansion Bolt	6	7½ lbs.
T03762	1½	Plated	1¼	Wood Screw	12	1¾ lbs.
Aluminum						
6756	1¾	Alumilited	1½	Wood Screw	6	1¼ lbs.
6757	1¾	Alumilited	1½	Expansion Shield	6	1¾ lbs.
6758	1	Alumilited	1½	Wood Screw	6	7½ lbs.
6759	1	Alumilited	1½	Expansion Shield	6	1 lb.
6373	1½	Roll Polish	1¼	Wood Screw	12	1 lb.

Packed with screws or bolt.

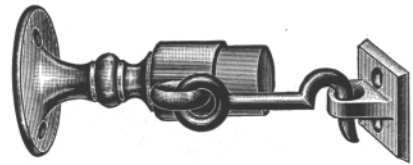
Specify number and finish. See pages 1 and 2.

Door Stops and Holders

WITH RUBBER BUMPERS



3740 to T03741



*3778, 3779, Right Hand

No.	Projection Inches	Material and Finish	Base Diameter Inches	Staple Inches	Method of Attaching	Packed in a Box	Weight Dozen
Cast Brass or Bronze							
3740	2, also	Polished	2	1 ¹ / ₁₆ x 9 ¹ / ₁₆	Wood screws	1	5½ lbs.
	2½, 3	Polished	2	1 ¹ / ₁₆ x 9 ¹ / ₁₆	Wood screws	1	6 to 7½ lbs.
3741	2, also	Polished	2	1 ¹ / ₁₆ x 9 ¹ / ₁₆	Expansion Bolt	1	9 lbs.
	2½, 3	Polished	2	1 ¹ / ₁₆ x 9 ¹ / ₁₆	Expansion Bolt	1	10 to 11¾ lbs.
3778	3, also	Polished	1 ⁷ / ₈	1 ⁵ / ₁₆ x1 ³ / ₁₆	Wood screws	1	8¾ lbs.
	3½, 4½, 6	Polished	1 ⁷ / ₈	1 ⁵ / ₁₆ x1 ³ / ₁₆	Wood screws	1	9 to 14¼ lbs.
3779	3, also	Polished	1 ⁷ / ₈	1 ⁵ / ₁₆ x1 ³ / ₁₆	Expansion Bolt	1	10½ lbs.
	3½, 4½, 6	Polished	1 ⁷ / ₈	1 ⁵ / ₁₆ x1 ³ / ₁₆	Expansion Bolt	1	10½ to 15 lbs.
Cast Iron							
T03740	2, also	Plated	2	1 ¹ / ₁₆ x 9 ¹ / ₁₆	Wood screws	1	4¼ lbs.
	2½, 3	Plated	2	1 ¹ / ₁₆ x 9 ¹ / ₁₆	Wood screws	1	5 to 5½ lbs.
T03741	2, also	Plated	2	1 ¹ / ₁₆ x 9 ¹ / ₁₆	Expansion Bolt	1	6 lbs.
	2½, 3	Plated	2	1 ¹ / ₁₆ x 9 ¹ / ₁₆	Expansion Bolt	1	7 to 8½ lbs.

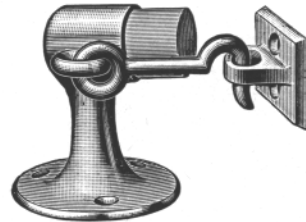
Packed with screws or bolts.

Specify number, size required and finish. See pages 1 and 2.

*Door stops and holders are regularly furnished right hand. Left hand furnished only when hand is specified on order.



3742 to T03743



*3780, 3781, Right Hand

No.	Height Inches	Material and Finish	Base Diameter Inches	Staple Inches	Method of Attaching	Packed in a Box	Weight Dozen
Cast Brass or Bronze							
3742	2¼	Polished	2	1½x ¾	Wood screws	1	6¾ lbs.
3743	2¼	Polished	2	1½x ¾	Expansion Bolt	1	10 lbs.
3780	3	Polished	2½	1½x1¾	Wood screws	1	14¼ lbs.
3781	3	Polished	2½	1½x1¾	Expansion Bolt	1	15½ lbs.
Cast Iron							
T03742	2¼	Plated	2	1½x ¾	Wood screws	1	5½ lbs.
T03743	2¼	Plated	2	1½x ¾	Expansion Bolt	1	9½ lbs.

Packed with screws or bolts.

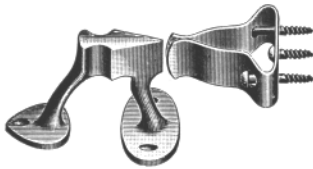
*Door stops and holders are regularly furnished right hand. Left hand furnished only when hand is specified on order.

Specify number and finish. See pages 1 and 2.

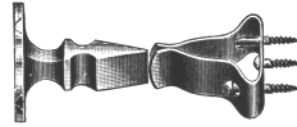


Door Stops and Holders

63



3760, T03760

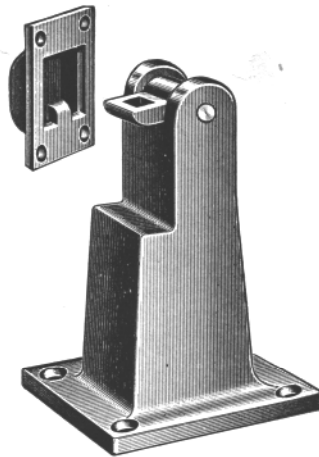


3761, T03761

No.	Projection or Height Inches	Material and Finish	Base Inches	Spring Base Inches	Packed in a Box	Weight Dozen
3760	1 $\frac{7}{8}$	Cast Brass or Bronze	1 $\frac{3}{4}$ x2 $\frac{3}{4}$	$\frac{3}{4}$ x2 $\frac{3}{16}$	12	4 $\frac{3}{4}$ lbs.
3761	2 $\frac{5}{8}$	Spring Wrought Brass or Bronze Polished Polished	1 $\frac{7}{8}$ x1	$\frac{3}{4}$ x2 $\frac{3}{16}$	12	3 $\frac{7}{8}$ lbs.
T03760	1 $\frac{7}{8}$	Cast Iron	1 $\frac{3}{4}$ x2 $\frac{3}{4}$	$\frac{3}{4}$ x2 $\frac{3}{16}$	12	4 $\frac{1}{2}$ lbs.
T03761	2 $\frac{5}{8}$	Wrought steel Spring Plated Plated	1 $\frac{7}{8}$ x1	$\frac{3}{4}$ x2 $\frac{3}{16}$	12	3 $\frac{1}{2}$ lbs.

Packed with screws.

Door Holder



D03875

For Doors opening
Outward over steps
with 6 to 7 inch riser.

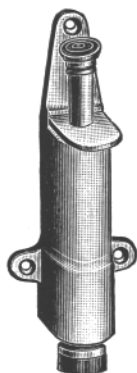
No.	Height Inches	Material and Finish	Base Inches	Strike Inches	Screws	Weight Each
D03875	10 $\frac{1}{4}$	Cast Iron Dead Black	6 $\frac{1}{4}$ x7	4 $\frac{3}{8}$ x3	Wood screws	18 lbs.

No. D03875 has cast bronze trip and strike. Packed with screws.

Specify number and finish. See pages 1 and 2.



Door Holders

**3861, 03861**

Rubber tip on bolt head

**5**

The rubber tip No. 5 furnished regularly with these holders is moulded integrally with brass ferrule which threads into tapped hole in holder. Will not loosen in service.

To remove, pull tip to stretch rubber and turn. Insert replacement tip in same manner; releasing tension allows rubber to grip stop firmly.

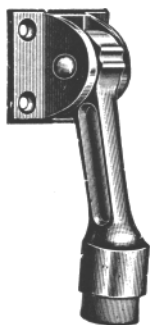
End of tip formed in concentric rings to provide floor gripping surface.

No. 1 rubber tip can be furnished for replacement on old model holders.

**1**

No.	Size Inches	Material and Finish	Throw Inches	Packed in a Box	Weight Dozen
3861	7¼ x 2½	Wrought Brass or Bronze Polished	1⅞	6	9¼ lbs
03861	7¼ x 2½	Wrought Steel Plated	1⅞	6	11½ lbs.

Packed with screws.

**3864 to T03865**
Lever type

The rubber tip grips the floor and will hold door open at any angle desired. Can be operated by the foot. Spring catch holds lever up out of the way when not in use.

Rubber tip No. 5 furnished regularly with these holders is moulded integrally with brass ferrule which threads into tapped hole in holder. Will not loosen in service. To remove, pull tip to stretch rubber and turn. Insert replacement tip in same manner; releasing tension allows rubber to grip stop firmly. End of tip formed in concentric rings to provide floor gripping surface.

No. 1 rubber tip can be furnished for replacement on old model holders.

**5****1**

No.	Length Inches	Material and Finish	Plate Inches	For doors with floor clearance	Packed in a Box	Weight Dozen
3864	4	Cast Brass or Bronze Polished	1⅞ x 1⅞	2 in. or less	6	7⅞ lbs.
T3864	4	Roll polish	1⅞ x 1⅞	2 in. or less	6	7⅞ lbs.
3865	5	Polished	1⅞ x 1⅞	3½ in. or less	6	7⅞ lbs.
T3865	5	Roll polish	1⅞ x 1⅞	3½ in. or less	6	7⅞ lbs.
T03864	4	Cast Iron Plated	1⅞ x 1⅞	2 in. or less	6	6¼ lbs.
T03865	5	Plated	1⅞ x 1⅞	3½ in. or less	6	6¾ lbs.

Packed with screws.

Specify number and finish. See pages 1 and 2.



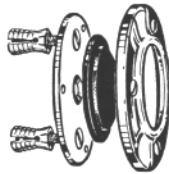
Door Bumpers

WITH RUBBER CENTER

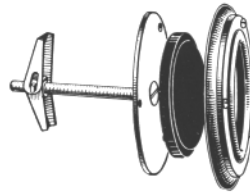
65



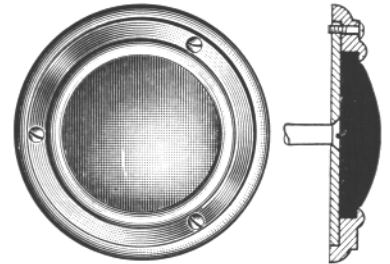
334 1/2, 0334 1/2
Convex Rubber
Center



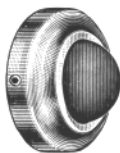
Showing method of at-
taching Nos. 334 1/2



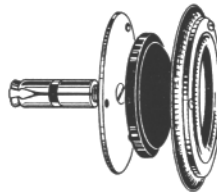
Showing method of at-
taching Nos. 0334 1/2,
0343, 0343 1/2



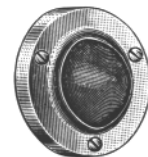
*343 1/2, *0343 1/2
Convex Rubber Center



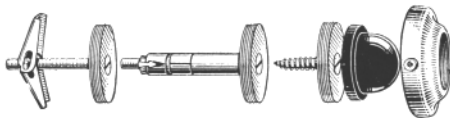
*336, *337, *0337



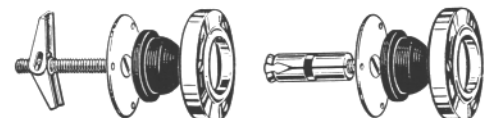
Showing method of at-
taching No. 343 1/2



*338, *339, *340



0337 337 336
Methods of Attaching



339 340
Methods of Attaching

ATTACHED TO WALL SO THAT DOOR KNOB WILL STRIKE AGAINST RUBBER CENTER

No.	Diameter Inches	Material and Finish	Rubber Center	Projection Inches	Method of Attaching	Packed in a Box	Weight Dozen
		Cast Brass or Bronze					
*†336	2 1/4	Polished	Round	1 1/4	Wood Screw	6	6 7/8 Lbs.
*†337	2 1/4	Polished	Round	1 1/4	Mach. Screw x Exp. Bolt	6	8 3/8 Lbs.
*†0337	2 1/4	Polished	Round	1 1/4	Mach. Screw x Toggle Head	6	7 3/8 Lbs.
334 1/2	3	Polished	Convex	1 3/16	2 Wood Screws x Exp. Shields	2	7 1/8 Lbs.
0334 1/2	3	Polished	Convex	1 3/16	3 in. Mach. Screw x Toggle Head	2	7 3/4 Lbs.
*343 1/2	4	Polished	Convex	1 3/16	2 1/4 in. Expansion Bolt	2	12 7/8 Lbs.
*0343 1/2	4	Polished	Convex	1 3/16	2 1/4 in. Mach. Screw x Toggle Head	2	14 3/8 Lbs.
*338	2 3/8	Polished	Convex	1 5/16	3 in. Wood Screws	2	3 1/4 Lbs.
*339	2 3/8	Polished	Convex	1	3 in. Mach. Screw & Toggle Head	2	4 1/4 Lbs.
*340	2 3/8	Polished	Convex	1	3 in. Expansion Bolt	2	5 Lbs.

†Nos. 336, 337 and 0337. The flange is fastened to base with hollow head set screw which cannot be removed without the proper tool. Key for operating hollow head set screw furnished with these bumpers.

*Also furnished in aluminum.

Specify number and finish. See pages 1 and 2.



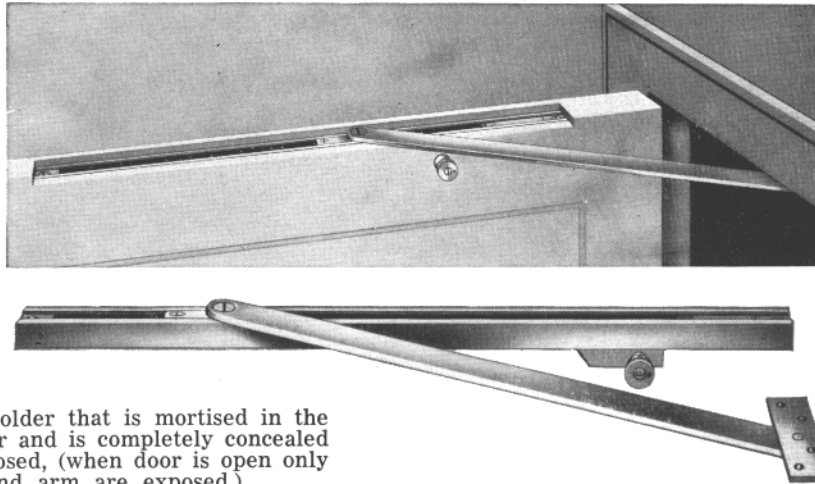
Overhead Door Holders

67

POSITIVE GRIP

CONCEALED TYPE

FOR SINGLE AND DOUBLE ACTING DOORS



A heavy duty holder that is mortised in the top edge of door and is completely concealed when door is closed, (when door is open only knurled knob and arm are exposed.)

The Corbin No. **870** is a strong, sturdy, free-acting door holder with an automatically engaging and releasing hold open, shock absorber and manual holder-disengaging feature.

The track is of extruded brass, the arm is of hard drawn brass or bronze. The slide is of extruded brass. All holding parts are pack hardened against wear.

The enclosed shock absorber consists of a leather faced block working against a large spring. The disengaging mechanism, which makes the device non-holding, if desired, is operated by means of a neat knob extending slightly beyond the face of the door. The holding tension is adjustable.

The entire device requires a minimum amount of mortising.

Contact holding parts hardened steel.

EXTRUDED BRASS

Number for Use with				Width of Door	Dimensions	
Butts	Offset Pivots	Single Acting Center Hung Pivots	Double Acting Center Hung Pivots		Extruded Brass Track	Jamb Bracket
870A	871A	872A	873A	24 to 25½ in. Inclusive	1⅛ in. wide ⅞ in. deep ⅛ in. thick	4 x 1⅛ in.
870B	871B	872B	873B	26 to 28½ in. Inclusive		
870C	871C	872C	873C	29 to 33½ in. Inclusive		
870D	871D	872D	873D	34 to 37½ in. Inclusive		
870E	871E	872E	873E	38 to 42½ in. Inclusive		
870F	871F	872F	873F	43 to 48 in. Inclusive		

One in a box, with screws.

*Arm 1⅛ in. wide, ⅜ in. thick. Maximum opening approximately 110 degrees.

*For 873 Series arm width same as door thickness.

When ordering, specify type and size of butt or pivot; degree of opening; width and thickness of door; hand of door; wood or metal doors and frames; make and number of fire exit bolts, flush bolts and door closer.

Specify number and finish. See pages 1 and 2.

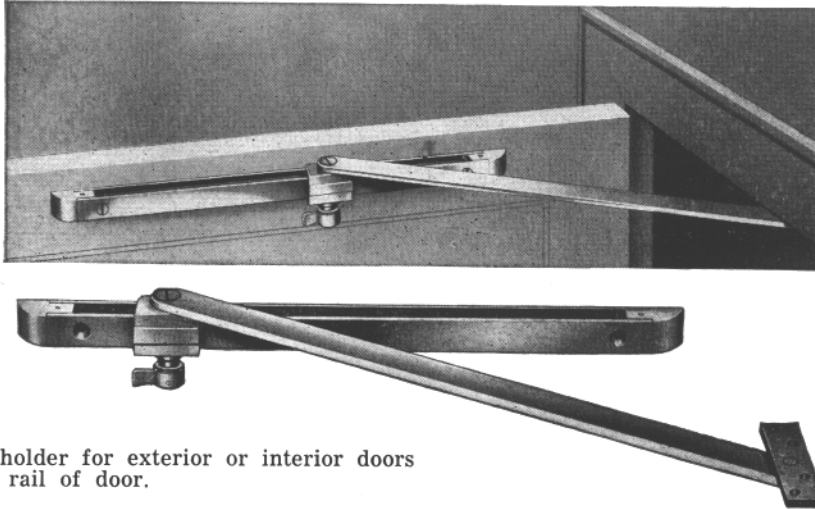


Overhead Door Holders

POSITIVE GRIP

HEAVY DUTY SURFACE TYPE

FOR SINGLE ACTING DOORS
WITH ENCASED SHOCK ABSORBER



A heavy duty door holder for exterior or interior doors that is applied to top rail of door.

This is a neat, inconspicuous device mounted directly on the surface of the door slightly below the header. The track is of extruded brass, I beam in section for maximum strength. The slide is of extruded brass and carries the holding mechanism which engages and disengages automatically. The arm is of hard drawn brass or bronze. Contact holding parts hardened steel.

The disengaging mechanism, which makes the device non-holding, if desired, is carried by the slide and a quarter turn of the control lever in either direction renders the holding mechanism inoperative. The holding tension is adjustable.

EXTRUDED BRASS

Number for Use with			Width of Door	Dimensions		
Butts	Offset Pivots	Single Acting Center Hung Pivots		Extruded Brass Track	Projection	Jamb Bracket
890A 890B 890C 890D 890E 890F	891A 891B 891C 891D 891E 891F	892A 892B 892C 892D 892E 892F	28 to 29½ in. Inclusive 30 to 31½ in. Inclusive 32 to 35½ in. Inclusive 36 to 39½ in. Inclusive 40 to 43½ in. Inclusive 44 to 48 in. Inclusive	1¾ in. wide 1⅛ in. deep	1¾ in.	3⅝ x 1 in.

One in a box, with screws. Furnished regularly with through bolts and sex nuts on wood doors.

Arm 1 in. wide x ¼ in. thick. Maximum opening approximately 110 degrees.

When ordering, specify type and size of butt or pivot; degree of opening; width and thickness of door; hand of door; wood or metal doors and frames; make and number of fire exit bolts, flush bolts and door closer.

Door closers when used on same side of door with these overhead door holders require bent arm.

Specify number and finish. See pages 1 and 2.



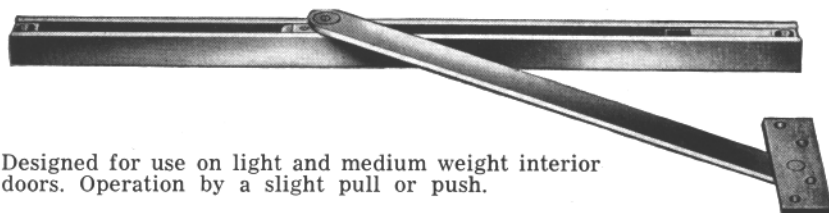
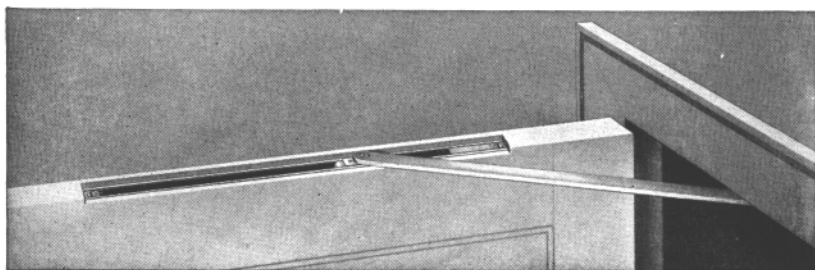
Overhead Friction Door Holders

69

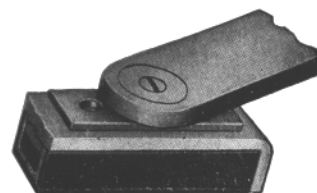
POSITIVE GRIP

CONCEALED TYPE, REVERSIBLE

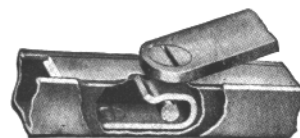
FOR SINGLE AND DOUBLE ACTING DOORS



Designed for use on light and medium weight interior doors. Operation by a slight pull or push.



Triple Grip Friction Slide
Nos. 820 to 823



Hold Open Feature
Nos. 840 to 843

CORBIN No. 820 CONCEALED FRICTION DOOR HOLDER

By means of an original and entirely new friction-applying method all three available inner surfaces of the track are utilized, providing more than twice the frictional area found in similar devices, ensuring increased life of all frictional parts and eliminating the necessity of frequent adjustments. The accessible adjusting screw works against a metal plate which compresses a synthetic rubber pad. The pad tends to "flow" evenly in all directions, transmitting the pressure to compressed asbestos friction linings which bear against the bottom and both side surfaces of the track.

CORBIN No. 840 CONCEALED FREE ACTING DOOR HOLDERS

This device uses the same track, arm and shock absorber as the No. 820 but has an extruded brass slide and a fixed holding mechanism which engages and releases automatically. Large holding surfaces make for long life and the holding parts are hardened against wear.

CORBIN No. 850 CONCEALED DOOR STAY

The concealed door stay uses the same track, arm and shock absorber as the No. 820 but has no friction control or fixed holding mechanism.

Dimensions: Track $\frac{7}{8}$ in. wide, $\frac{3}{4}$ in. deep, $\frac{1}{16}$ in. thick. Arm $\frac{7}{8}$ in. wide x $\frac{3}{16}$ in. thick. Jamb Bracket $3\frac{1}{2}$ in. x 1 in. Maximum opening approximately 110 degrees.

EXTRUDED BRASS

Concealed Three Way Friction Holder

Number for Use with				Width of Doors	Number for Use with				Width of Doors
Butts	Offset Pivots	Single Acting Center Hung Pivots	Double Acting Center Hung Pivots		Butts	Offset Pivots	Single Acting Center Hung Pivots	Double Acting Center Hung Pivots	
820A	821A	822A	823A	15 to 17½ in. Incl.	820D	821D	822D	823D	30 to 35½ in. Incl.
820B	821B	822B	823B	18 to 23½ in. Incl.	820E	821E	822E	823E	36 to 41½ in. Incl.
820C	821C	822C	823C	24 to 29½ in. Incl.	820F	821F	822F	823F	42 to 48 in. Incl.

Concealed Free Acting Holder

840A	841A	842A	843A	15 to 17½ in. Incl.	840D	841D	842D	843D	30 to 35½ in. Incl.
840B	841B	842B	843B	18 to 23½ in. Incl.	840E	841E	842E	843E	36 to 41½ in. Incl.
840C	841C	842C	843C	24 to 29½ in. Incl.	840F	841F	842F	843F	42 to 48 in. Incl.

Concealed Door Stay

850A	851A	852A	853A	15 to 17½ in. Incl.	850D	851D	852D	853D	30 to 35½ in. Incl.
850B	851B	852B	853B	18 to 23½ in. Incl.	850E	851E	852E	853E	36 to 41½ in. Incl.
850C	851C	852C	853C	24 to 29½ in. Incl.	850F	851F	852F	853F	42 to 48 in. Incl.

One in a box, with screws.

When ordering, specify type and size of butt or pivot; degree of opening; width and thickness of door; wood or metal doors and frames.

Specify number and finish. See pages 1 and 2.

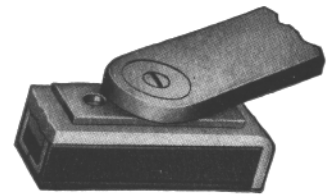
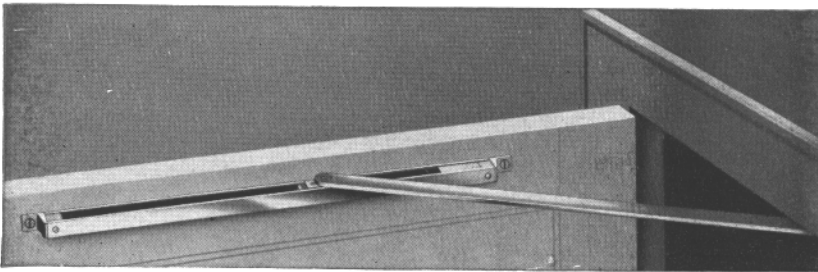


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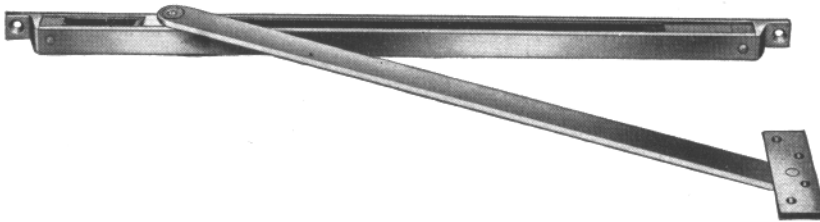
Overhead Friction Door Holders

LIGHT WEIGHT SURFACE TYPE

FOR SINGLE ACTING DOORS AND WINDOWS



Triple Grip Friction Slide
Nos. 860 to 862



Hold Open Feature
Nos. 760 to 762

CORBIN No. 860 SURFACE FRICTION DOOR HOLDER

By means of an original and entirely new friction-applying method all three available inner surfaces of the track are utilized, providing more than twice the frictional area found in similar devices, ensuring increased life of all frictional parts and eliminating the necessity of frequent adjustments. The accessible adjusting screw works against a metal plate which compresses a synthetic rubber pad. The pad tends to "flow" evenly in all directions, transmitting the pressure to compressed asbestos friction linings which bear against the bottom and both side surfaces of the track.

CORBIN No. 760 SURFACE FREE ACTING DOOR HOLDERS

This device uses the same track, arm and shock absorber as the No. 820 but has an extruded brass slide and a fixed holding mechanism which engages and releases automatically. Large holding surfaces make for long life and the holding parts are hardened against wear.

CORBIN No. 770 SURFACE DOOR STAY

The concealed door stay uses the same track, arm and shock absorber as the No. 820 but has no friction control or fixed holding mechanism.

Dimensions: Track $\frac{7}{8}$ in. wide, $\frac{3}{4}$ in. deep, $\frac{1}{16}$ in. thick. Arm $\frac{3}{16}$ in. thick. Projection $\frac{7}{8}$ in. Jamb Bracket $3\frac{1}{2}$ in. x 1 in. x $\frac{3}{16}$ in. Maximum Opening: Approximately 110 degrees.

EXTRUDED BRASS Surface Three Way Friction Holder

Number for Use with			Width of Doors	Number for Use with			Width of Doors
Butts	Offset Pivots	Single Acting Center Hung Pivots		Butts	Offset Pivots	Single Acting Center Hung Pivots	
860A	861A	862A	15 to 17½ in. Incl.	860D	861D	862D	30 to 35½ in. Incl.
860B	861B	862B	18 to 23½ in. Incl.	860E	861E	862E	36 to 41½ in. Incl.
860C	861C	862C	24 to 29½ in. Incl.	860F	861F	862F	42 to 48 in. Incl.

Surface Free Acting Holder

760A	761A	762A	15 to 17½ in. Incl.	760D	761D	762D	30 to 35½ in. Incl.
760B	761B	762B	18 to 23½ in. Incl.	760E	761E	762E	36 to 41½ in. Incl.
760C	761C	762C	24 to 29½ in. Incl.	760F	761F	762F	42 to 48 in. Incl.

Surface Door Stay

770A	771A	772A	15 to 17½ in. Incl.	770D	771D	772D	30 to 35½ in. Incl.
770B	771B	772B	18 to 23½ in. Incl.	770E	771E	772E	36 to 41½ in. Incl.
770C	771C	772C	24 to 29½ in. Incl.	770F	771F	772F	42 to 48 in. Incl.

One in a box, with screws.

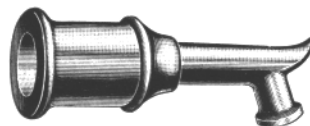
When ordering, specify type and size of butt or pivot; degree of opening; width and thickness of door; wood or metal doors and frames.

Specify number and finish. See pages 1 and 2.



Sash Pulls

71

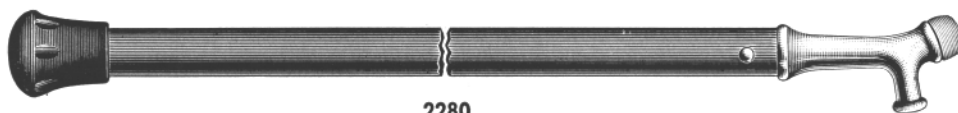


3196, T03196

No.	Length, inches	Material and Finish	Diameter inches	Socket Dia. Open End	Packed in a Box	Weight Dozen
3196	2½	Cast Brass or Bronze Polished	1	⅝	6	1⅞ lbs.
T03196	2½	Cast Iron Plated	1	⅝	6	1¾ lbs.

Packed with screws.

STEEL WINDOW POLES WITH PULL DOWN HOOKS



2280

Pole 035 Ga. butt jointed wrought steel tubing. Hook with removable rubber tip to prevent marring of sash. The lower end of pole is fitted with a removable rubber tip with steel insert to prevent pole from cutting through the rubber.

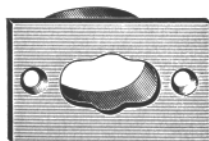
No.	Length Feet	Material and Finish		Outside Diameter of Pole
		Pole	Hook	
2280	4, 6, 8, 10, or 12	Wrought Steel Black Finish	Cast Brass or Bronze Black Finish	¾ in.

State length required. Can be furnished in other lengths when so ordered at additional price. One in a package.

Sash Sockets



3186, T03186



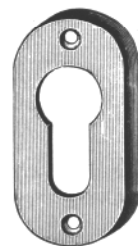
3187, T03187

No.	Size inches	Article	Material and Finish	Packed in a Box	Weight Dozen
3186	1¼ Dia.	Socket	Cast Brass or Bronze Polished	12	1½ lbs.
3187	1¼ x 2¼ ₁₆	Socket	Polished	12	1⅞ lbs.
3190	2⅜ x 1⅞	Hanger	Polished	12	1½ lbs.
T03186	1¼ Dia.	Socket	Cast Iron Plated	12	1⅝ ₁₆ lbs.
T03187	1¼ x 2¼ ₁₆	Socket	Plated	12	1 lb.
T03190	2⅜ x 1⅞	Hanger	Plated	12	1⅝ ₁₆ lbs.

Packed with screws.

Specify number and finish. See pages 1 and 2.

Pole Hangers



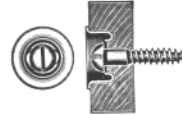
3190, T03190



Stop Bead Screws and Washers



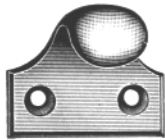
180, T0180



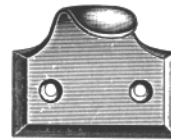
183, T0183

No.	Diameter Washer Inches	Material and Finish	Screw	Packed in a Box	Weight Gross
180	$\frac{5}{8}$	Wrought Brass or Bronze Polished	$1\frac{1}{4}$ in. No. 8	1 Gross	$1\frac{3}{4}$ Lbs.
183	$1\frac{1}{16}$		1 in. No. 8	1 Gross	2 Lbs.
T0180	$\frac{5}{8}$	Wrought Steel Plated	$1\frac{1}{4}$ in. No. 8	1 Gross	$1\frac{1}{2}$ Lbs.
T0183	$1\frac{1}{16}$		1 in. No. 8	1 Gross	$1\frac{3}{4}$ Lbs.

Hook Sash Lifts



3302



3308, 03308

No.	Size Inches	Material and Finish	Projection Inches	Packed in a Box	Weight Dozen
3302	$\frac{3}{4}$ x $1\frac{1}{2}$	Cast Brass or Bronze Polished	$\frac{7}{8}$	3 Dozen	$1\frac{1}{8}$ Lbs
3308	1 x $1\frac{5}{8}$	Wrought Brass or Bronze Polished	$\frac{5}{8}$	3 Dozen	9 oz.
03308	1 x $1\frac{5}{8}$	Wrought Steel Plated	$\frac{5}{8}$	6 Dozen	9 oz.

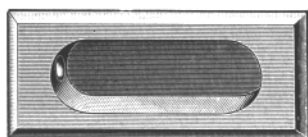
Packed with screws.

Specify number and finish. See pages 1 and 2.

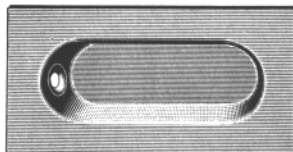


Flush Sash Lifts

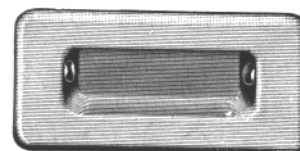
73



3319



3316, 03316



3315, 03315

No.	Size, Inches	Material and Finish	Size of Cup Inches	Packed in a Box	Weight Dozen
3319	1 $\frac{1}{16}$ x 3 $\frac{1}{16}$	Cast Brass or Bronze Polished	1 $\frac{1}{16}$ x 2 $\frac{3}{16}$ x $\frac{5}{16}$	1 Dozen	17 $\frac{1}{8}$ lbs.
3315	1 $\frac{1}{2}$ x 3	Wrought Brass or Bronze Polished	$\frac{7}{8}$ x 2 $\frac{3}{8}$ x $\frac{5}{16}$	3 Dozen	9 oz.
3316	1 $\frac{1}{2}$ x 3	Polished	$\frac{7}{8}$ x 2 $\frac{3}{8}$ x $\frac{5}{16}$	3 Dozen	10 oz.
03315	1 $\frac{1}{2}$ x 3	Wrought Steel Plated	$\frac{7}{8}$ x 2 $\frac{3}{8}$ x $\frac{5}{16}$	3 Dozen	9 oz.
03316	1 $\frac{1}{2}$ x 3	Plated	$\frac{7}{8}$ x 2 $\frac{3}{8}$ x $\frac{5}{16}$	3 Dozen	9 oz.

Packed with screws.

Bar Sash Lifts



3394 to T03396
Type of 6396



*Offset
3396 to T03396
Type of 3394, T03394

No.	Size Inches	Material and Finish	Projection Inches	Clearance Inches	Type	Packed in a Box	Weight Dozen
3394	1 $\frac{1}{4}$ x 4 $\frac{1}{2}$	Cast Brass or Bronze Polished	1 $\frac{3}{16}$	$\frac{3}{4}$	Straight	12	2 $\frac{5}{8}$ lbs.
T3394	1 $\frac{1}{4}$ x 4 $\frac{1}{2}$	Roll Polish	1 $\frac{3}{16}$	$\frac{3}{4}$	Straight	12	2 $\frac{5}{8}$ lbs.
3395	1 $\frac{1}{4}$ x 4 $\frac{7}{8}$	Polished	1 $\frac{3}{16}$	1 $\frac{3}{16}$	Straight	12	2 $\frac{7}{8}$ lbs.
T3395	1 $\frac{1}{4}$ x 4 $\frac{7}{8}$	Roll Polish	1 $\frac{3}{16}$	1 $\frac{3}{16}$	Straight	12	2 $\frac{7}{8}$ lbs.
3396	1 x 4	Polished	1 $\frac{1}{16}$	$\frac{3}{4}$	Straight	12	1 $\frac{7}{8}$ lbs.
T3396	1 x 4	Roll Polish	1 $\frac{1}{16}$	$\frac{3}{4}$	Straight	12	1 $\frac{7}{8}$ lbs.
T03394	1 $\frac{1}{4}$ x 4 $\frac{1}{2}$	Cast Iron Plated	1 $\frac{3}{16}$	$\frac{3}{4}$	Straight	12	2 $\frac{1}{2}$ lbs.
T03395	1 $\frac{1}{4}$ x 4 $\frac{7}{8}$	Plated	1 $\frac{3}{16}$	1 $\frac{3}{16}$	Straight	12	2 $\frac{3}{4}$ lbs.
T03396	1 x 4	Plated	1 $\frac{1}{16}$	$\frac{3}{4}$	Straight	12	1 $\frac{1}{2}$ lbs.
†6396	1 x 4	Aluminum Roll Polish	1 $\frac{1}{16}$	$\frac{5}{8}$	Straight	12	11 $\frac{1}{2}$ oz.

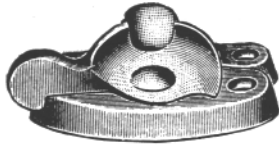
Packed with screws.

†Furnished in EA, DB, E and AL finishes only. *When required offset suffix offset to number I.E. 3396 offset.

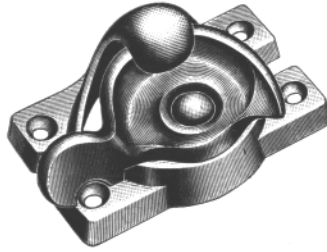
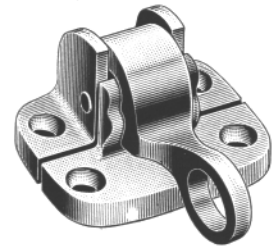
Specify number and finish. See pages 1 and 2.



Sash Fasteners



1829, T01829

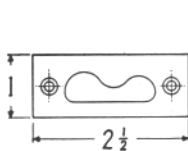
1831, T01831
Type of 6829

1840

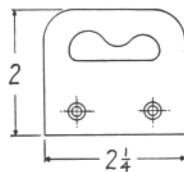
No.	Size of Case Inches	Material and Finish	Strike Inches	Height Inches	Packed in a Box	Weight Dozen
1829	$\frac{7}{8} \times 2\frac{1}{2}$	Cast Brass or Bronze				
T1829	$\frac{7}{8} \times 2\frac{1}{2}$	Polished	$\frac{9}{16} \times 2\frac{9}{16}$	1	12	$2\frac{3}{4}$ lbs.
1831	$1 \times 2\frac{7}{8}$	Roll Polish	$\frac{9}{16} \times 2\frac{9}{16}$	1	12	$2\frac{3}{4}$ lbs.
T1831	$1 \times 2\frac{7}{8}$	Polished	$\frac{11}{16} \times 2\frac{3}{4}$	$1\frac{1}{4}$	12	$5\frac{3}{16}$ lbs.
1840	$\frac{7}{8} \times 2\frac{3}{8}$	Roll Polish	$\frac{11}{16} \times 2\frac{3}{4}$	$1\frac{1}{4}$	12	$5\frac{3}{16}$ lbs.
		Polished	$\frac{7}{8} \times 2\frac{3}{8}$	$1\frac{1}{2}$	6	$6\frac{9}{16}$ lbs.
		Cast Iron				
T01829	$\frac{7}{8} \times 2\frac{1}{2}$	Plated	$\frac{9}{16} \times 2\frac{9}{16}$	1	12	$2\frac{1}{2}$ lbs.
T01831	$1 \times 2\frac{7}{8}$	Plated	$\frac{11}{16} \times 2\frac{3}{4}$	$1\frac{1}{4}$	12	$3\frac{7}{8}$ lbs.
		Aluminum				
*6829	$\frac{7}{8} \times 2\frac{1}{2}$	Roll Polish	$\frac{9}{16} \times 2\frac{9}{16}$	1	12	$1\frac{1}{4}$ lbs.

Packed with screws. *Furnished only in EA, DB, E and AL finishes.

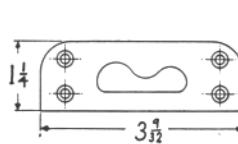
Special Mortise and Sull Sash Strikes



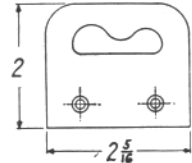
18A



18B



18C



18D

No.	Size Inches	For Fastener	Material and Finish	Weight Dozen
18A	$2\frac{1}{2} \times 1$	1829	Cast Brass or Bronze	
18B	$2\frac{1}{4} \times 2$	1829	Polished	$13\frac{1}{2}$ oz.
18C	$3\frac{3}{32} \times 1\frac{1}{4}$	1831	Polished	$2\frac{1}{4}$ lbs.
18D	$2\frac{5}{16} \times 2$	1831	Polished	$1\frac{1}{2}$ lbs.
			Polished	$1\frac{1}{2}$ lbs.
			Cast Iron	
T018A	$2\frac{1}{2} \times 1$	T01829	Plated	$13\frac{1}{2}$ lbs.
T018B	$2\frac{1}{4} \times 2$	T01829	Plated	$2\frac{3}{16}$ lbs.
T018C	$3\frac{3}{32} \times 1\frac{1}{4}$	T01831	Plated	$1\frac{1}{2}$ lbs.
T018D	$2\frac{5}{16} \times 2$	T01831	Plated	$1\frac{1}{2}$ lbs.

Specify number and finish. See pages 1 and 2.

Casement Fasteners

REVERSIBLE

75

Rev. 6-1-57



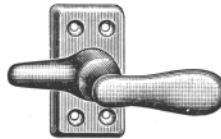
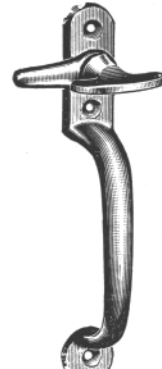
3156

Canada
Turn

8292

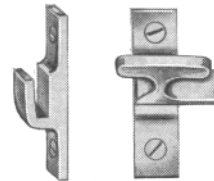


T03162

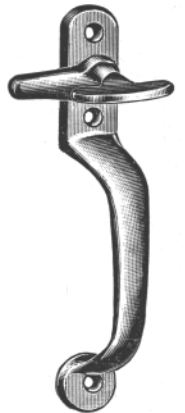
Mortise (M)
For single
casement
opening outRim (R)
For single
casement
opening in3168, T03168
Type of 6168Surface (S)
For double
casements
opening in or out

3174

Quebec Turns



8211, T8211



3175

Offset 1/2 in.
Not reversible

No.	Type Strike	Material and Finish	Plate Inches	Projection Inches	Strike Inches	Packed in a Box	Weight Dozen
Cast Brass or Bronze							
3156M	Mortise	Polished	2 1/4 x 3/4	1 3/16	9/16 x 2 7/16	6	3 3/4 lbs.
3156R	Rim	Polished	2 1/4 x 3/4	1 3/16	1 3/8 x 1 3/8	6	4 1/8 lbs.
3156S	Surface	Polished	2 1/4 x 3/4	1 3/16	9/16 x 2 1/4	6	4 3/8 lbs.
3168M	Mortise	Polished	2 1/8 x 1 1/8	1 3/4	9/16 x 2 7/16	12	3 3/8 lbs.
3168R	Rim	Polished	2 1/8 x 1 1/8	1 3/4	1 3/8 x 1 3/8	12	3 3/4 lbs.
3168S	Surface	Polished	2 1/8 x 1 1/8	1 3/4	9/16 x 2 1/4	12	4 1/8 lbs.
3174M	Mortise	Polished	6 x 3/4	1 1/4	9/16 x 2 7/16	6	3 3/8 lbs.
3174R	Rim	Polished	6 x 3/4	1 1/4	1 3/8 x 1 3/8	6	4 3/4 lbs.
*3175M	Mortise	Polished	6 1/4 x 3/4	1 1/4	9/16 x 2 7/16	6	4 1/8 lbs.
*3175R	Rim	Polished	6 1/4 x 3/4	1 1/4	1 3/8 x 1 3/8	6	4 3/4 lbs.
Cast Iron							
Plate Wrought Steel							
T03162M	Mortise	Plated	1 3/4 x 1 1/8	1 1/4	9/16 x 2 7/16	12	1 1/2 lbs.
T03162R	Rim	Plated	1 3/4 x 1 1/8	1 1/4	1 3/8 x 1 3/8	12	1 5/8 lbs.
T03162S	Surface	Plated	1 3/4 x 1 1/8	1 1/4	9/16 x 2 1/4	12	2 1/4 lbs.
Cast Iron							
T03168M	Mortise	Plated	2 1/8 x 1 1/8	1 3/4	9/16 x 2 7/16	12	3 3/4 lbs.
T03168R	Rim	Plated	2 1/8 x 1 1/8	1 3/4	1 3/8 x 1 3/8	12	3 3/4 lbs.
T03168S	Surface	Plated	2 1/8 x 1 1/8	1 3/4	9/16 x 2 1/4	12	4 lbs.
Aluminum							
†6168M	Mortise	Roll Polish	1 3/4 x 1 1/8	1 3/4	9/16 x 2 7/16	12	1 1/4 lbs.
†6168R	Rim	Roll Polish	1 3/4 x 1 1/8	1 3/4	1 3/8 x 1 3/8	12	1 1/4 lbs.
†6168S	Surface	Roll Polish	1 3/4 x 1 1/8	1 3/4	9/16 x 2 1/4	12	1 1/8 lbs.

Packed with screws.

*No. 3175 not reversible. Specify Hand. †Rim and mortise Keepers Steel Zinc Plated.

No. 6168 furnished only in EA, DB, E and AL finishes.

No.	Size Inches	Projection Inches	Material and Finish	Packed in a Box	Weight Dozen	Type
T8211	1 13/16 x 2	1 3/32	Cast Brass or Bronze	3 Dozen	1 3/8 lbs.	Quebec Turn
8211	1 13/16 x 2	1 3/32	Roll Polish	3 Dozen	1 3/8 lbs.	Quebec Turn
8292	1 x 7/8	7/8	Polished	12 Dozen	7 oz.	Canada Turn
			Roll Polish			
			Plated Steel Keeper			

Nos. T8211, 8211 packed with screws. No. 8292 packed without screws.

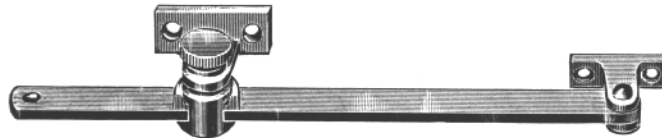
Specify number and finish. See pages 1 and 2.



Casement Adjusters

77

FOR CASEMENTS OPENING IN



1046

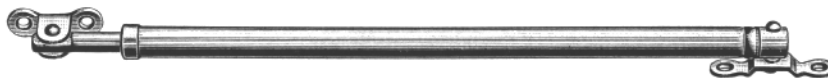
No.	Length Inches	Material and Finish	Sash Plate Inches	Sill Plate Inches	Bar	Packed in a Box	Weight Dozen
1046	10	Cast Brass or Bronze	$\frac{7}{8} \times 2\frac{1}{2}$	1 x 2	$\frac{1}{4} \times \frac{1}{2}$	6	6 $\frac{3}{4}$ lbs.
1046	12	Polished Polished	$\frac{7}{8} \times 2\frac{1}{2}$	1 x 2	$\frac{1}{4} \times \frac{1}{2}$	6	7 $\frac{1}{2}$ lbs.

Packed with screws.

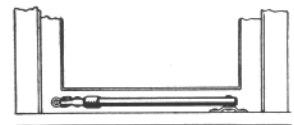
FOR TOP OR BOTTOM OF CASEMENTS OPENING IN OR OUT

(Mounted on outside of casements opening in)

Friction Type—Friction adjustable by means of knurled ring at end of tube



1055



View Applied

No.	Length Closed Inches	Material and Finish	Length Overall Extended	Sash Plate Inches	Sill Plate Inches	Bar Diameter Inches	Tube Diameter Inches	Packed in a Box	Weight Dozen
1055	10 12	Wrought Brass or Bronze Polished Polished	16 $\frac{1}{4}$ in. 20 $\frac{1}{8}$ in.	$\frac{5}{8} \times 1\frac{7}{8}$ $\frac{5}{8} \times 1\frac{7}{8}$	$\frac{3}{4} \times 2\frac{1}{4}$ $\frac{3}{4} \times 2\frac{1}{4}$	$\frac{3}{8}$ $\frac{3}{8}$	$\frac{5}{8}$ $\frac{5}{8}$	6 6	9 lbs. 10 $\frac{3}{4}$ lbs.

Height, distance from sill to top of sash plate $\frac{7}{8}$ in. Packed with screws.

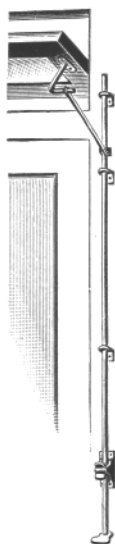
Specify number, size and finish. See pages 1 and 2.



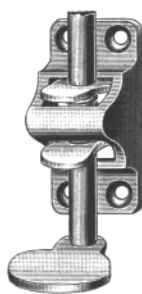
Transom Lifters

WITH AUTOMATIC GRIP

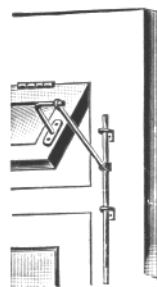
FOR TRANSOMS CENTER HUNG OPENING IN OR OUT; TOP HUNG OPENING IN



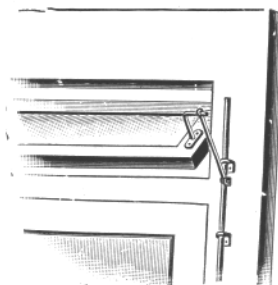
Center Hung, Opening In



Automatic Grip



Top Hung, Opening In



Center Hung, Opening Out

No.	Rod Dia. Inches	Material and Finish	Grip Plate Width Inches	Length (Weight Each)			
				3 ft.	4 ft.	5 ft.	6 ft
083	1/4	Wrought Steel	1	1 lb.	1 1/8 lbs.	1 7/8 lbs	3 1/4 lbs.
084	5/16	Plated	1	1 3/8 lbs.	1 5/8 lbs.	2 3/4 lbs	
085	3/8	Plated	1 3/32		2 1/2 lbs.		

For size of transom, detail of brackets etc. see following page.

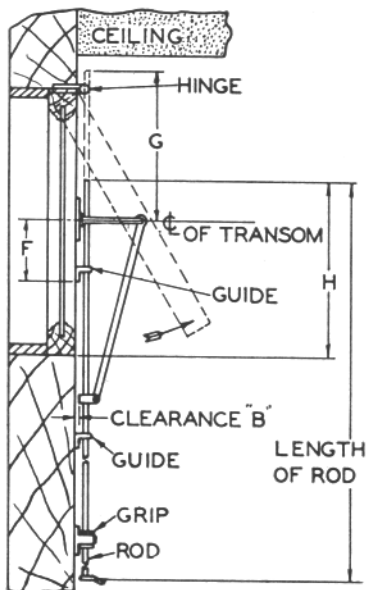
Packed with screws.

Specify number, size and finish. See pages 1 and 2.

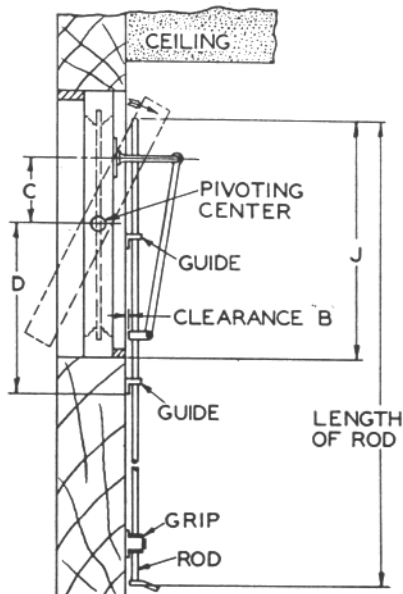


Transom Lifters

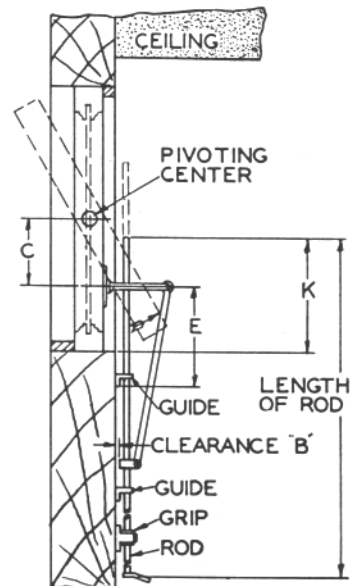
DETAILS OF NO. 083, 084 AND 085 SERIES



083 TO 085
HINGED AT TOP
BOTTOM OPENS IN
OPENS APPROX. 45°
PUSH UP

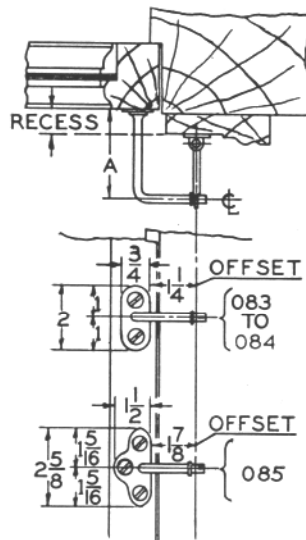


083 TO 085
HUNG ON CENTERS
TOP OPENS IN
OPENS APPROX 60°
PULL DOWN



083 TO 085
HUNG ON CENTERS
BOTTOM OPENS IN
OPENS APPROX. 60°
PUSH UP

MEASUREMENTS OF REGULAR TRANSMO LIFTERS														
NO.	WIDTH OF GRIP	ROD DIA.	A	B	C	D	E	F	G	H	J	K	SIZE OF TRANSMO	
083	15 16	1 4	3 3/4	1 8	3	13 3/8	5 1/8	5 1/4	6 1/4	6 1/8	9 1/8	3 1/8	10	LIGHT TRANSMOS
								4 5/8	7	7 1/8	10 1/8	4 1/8	12	
								3 3/4	7 7/8	8 1/8	11 1/8	5 1/8	14	
								2 3/4	8 3/4	9 1/8	12 1/8	6 1/8	16	
								1 3/4	9 3/4	10 1/8	13 1/8	7 1/8	18	
084	15 16	5 16	3 3/4	1 8	6	13 3/8	5 3/8	5 7/8	7 3/4	8 7/8	14 7/8	2 7/8	16	MEDIUM TRANSMOS
								5	8 5/8	9 7/8	15 7/8	3 7/8	18	
								4 1/8	9 1/2	10 7/8	16 7/8	4 7/8	20	
								3 1/4	10 3/8	11 7/8	17 7/8	5 7/8	22	
								1 3/4	11 7/8	12 7/8	18 7/8	6 7/8	24	
085	1	3 8	5 1/8	1 8	8	18 1/8	7 3/4	8	10 1/2	12 1/8	20 1/8	4 1/8	22	HEAVY TRANSMOS
								6 3/4	11 7/8	13 1/8	21 1/8	5 1/8	24	
								6	12 5/8	14 1/8	22 1/8	6 1/8	26	
								5 1/8	13 1/2	15 1/8	23 1/8	7 1/8	28	
								4 1/8	14 1/2	16 1/8	24 1/8	8 1/8	30	
								3 1/8	15 1/2	17 1/8	25 1/8	9 1/8	32	
								2 1/8	16 1/2	18 1/8	26 1/8	10 1/8	34	
								1 1/2	18 1/8	19 1/8	27 1/8	11 1/8	36	



REGULAR TRANSOM BRACKETS

For intermediate size transoms use dimensions of nearest size transom.

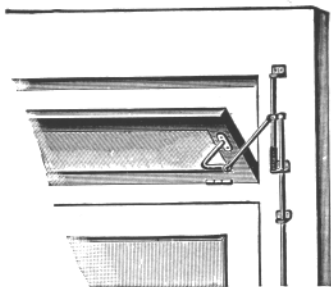
Special brackets furnished to order except on 083 series—state recess and offset.

All dimensions except length of rod are given in inches.

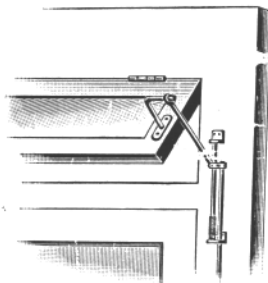
Transom Lifters

WITH AUTOMATIC GRIP

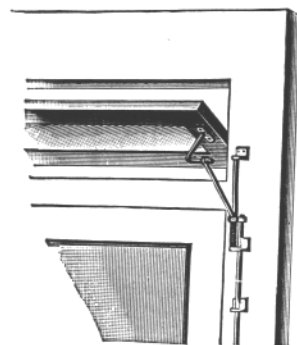
FOR TRANSOMS CENTER HUNG OPENING IN OR OUT; TOP AND BOTTOM OPENING IN



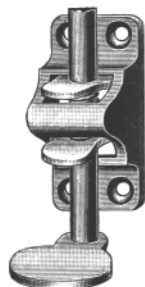
Bottom Hung, Opening In



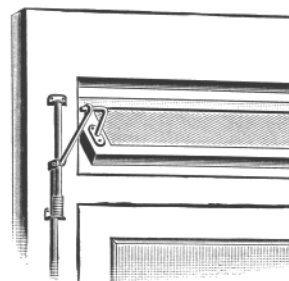
Top Hung, Opening In



Center Hung, Opening In



Automatic Grip



Center Hung, Opening Out

No.	Rod Dia. Inches	Material and Finish	Grip Plate Width Inches	Length (Weight Each)			
				3 ft.	4 ft.	5 ft.	6 ft.
093	1/4	Wrought Steel	1				
094	5/16	Plated	1	1 1/8 lbs.	1 3/4 lbs.	2 1/8 lbs.	
095	3/8	Plated	1 3/32	1 1/2 lbs.	2 3/4 lbs.	3 1/8 lbs.	3 5/8 lbs.

For size of transom, detail of brackets, etc. see following page.

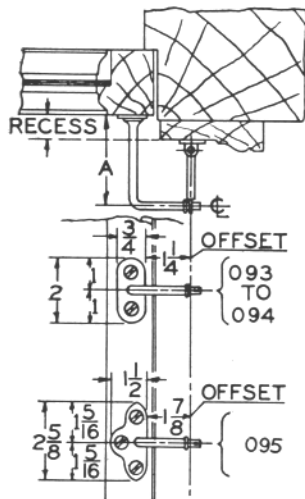
Packed with screws.

Specify number, size and finish. See pages 1 and 2.



Transom Lifters

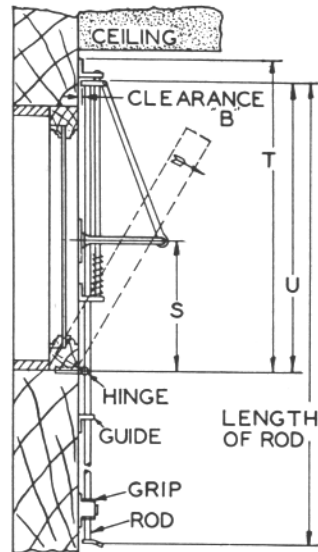
DETAILS OF NO. 093, 094 AND 095 SERIES



USED FROM FLUSH TO 1" RECESS

USED FROM FLUSH TO 1/2" RECESS

REGULAR TRANSOM BRACKETS



HINGED AT BOTTOM
TOP OPENS IN
OPENS APPROX. 45°
PULL DOWN

093 TO 095

MEASUREMENTS OF REGULAR TRANSOM LIFTERS									
NO.	WIDTH OF GRIP	ROD DIA.	SIZE OF TRANSOM	A	B	S	T	U	
093	15/16	1/4	10 TO 18	3 3/4	1/8	6	13 1/4	12 1/4	LIGHT TRANSOMS
094	15/16	5/16	16 TO 24	3 3/4	1/8	9	18 5/8	17 3/4	MEDIUM TRANSOMS
095	1	3/8	22 TO 30	5 1/8	1/8	12	24 1/2	23 5/8	HEAVY TRANSOMS

Special brackets furnished to order except on 093 series. State recess and offset.
All dimensions except length of rod are given in inches.

Length—To determine the proper length of a Transom Lifter, deduct 5 feet from the distance between the floor and the center of Transom.

Offset—The distance from center of Transom Rod in position to edge of Transom Bracket.

Recess—The distance from face of door casing to face of Transom.

Clearance—The distance from back of rod in position to face of door casing.

Width of sash bracket base is the measurement required on face of Transom Rail for attaching bracket.

Width of rod base is the measurement required on face of door casing for attaching rod guides and grip boxes.

TABLE GIVING MEASUREMENTS OF REGULAR TRANSOM LIFTERS

Number	Offset Inches	Recess Inches	Wide of Sash Bracket Base Ins.	Max. Width of Grip Base Ins.	Clearance Inches
083	1 1/4	Flush to 1 in.	3/4	15/16	1/8
084	1 1/4	Flush to 1 in.	3/4	15/16	1/8
085	1 1/8	Flush to 1 1/2 in.	1 1/2	1	1/8
093	1 1/4	Flush to 1 in.	3/4	15/16	1/8
094	1 1/4	Flush to 1 in.	3/4	15/16	1/8
095	1 7/8	Flush to 1 1/2 in.	1 1/2	1	1/8

Orders for Transom Lifters requiring "Offset," "Recess," "Clearance," Width of Sash Bracket Base and Width of Grip Base, other than the regular distance, should give these measurements.

If any mouldings or projections stand in the path of the Transom Lifter, a sketch showing position and projection of such obstructions will be necessary for making special guides, or risers and grip boxes.

Limitations—When furnished with brackets to give special offset and recess, either one or both, the total to offset and recess combined, must be on:

Nos. 084 and 094 series, 10 inches or less.

Nos. 085 and 095 series, 13 inches or less.

Nos. 083 and 093 series, cannot be furnished with special reach and recess.

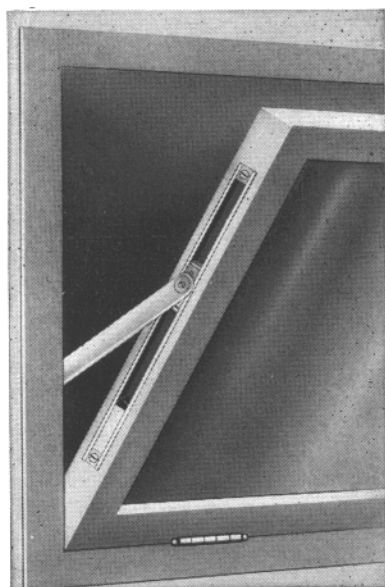


Concealed Transom Adjuster

POSITIVE GRIP

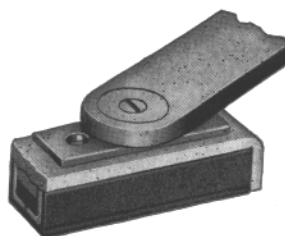
Reversible

45° OPENING



By means of the exclusive CORBIN Friction-applying method, friction is obtained against all three inner surfaces of the track. An accessible adjusting screw regulates the amount of holding friction. An encased shock absorber, comprising a resilient rubber bumper in connection with a spring, limits the degree of transom opening.

The No. 915 Transom Adjuster is designed for heavy duty, two Adjusters being used with each transom. It is identical in construction with the No. 820 Concealed Friction Door Holder, the extruded brass track being $\frac{7}{8}$ in. x $\frac{3}{4}$ in. with $\frac{1}{16}$ in. walls.



Triple Grip Friction Slide
Nos. 910, 915

LIGHT WEIGHT TYPE

No.	Height of Transom	Material	Dimensions	
			Extruded Brass Track	Jamb Bracket
910A	8 to 9½ in. Inclusive	Extruded Brass	$\frac{3}{4}$ in. wide $\frac{1}{2}$ in. deep walls $\frac{1}{16}$ in. thick	2¼ x ¾ in.
910B	10 to 11½ in. Inclusive	Extruded Brass		
910C	12 to 13½ in. Inclusive	Extruded Brass		
910D	14 to 17½ in. Inclusive	Extruded Brass		
910E	18 to 23½ in. Inclusive	Extruded Brass		
910F	24 to 29½ in. Inclusive	Extruded Brass		
910G	30 to 35½ in. Inclusive	Extruded Brass		
910H	36 to 42 in. Inclusive	Extruded Brass		

HEAVY DUTY TYPE

No.	Height of Transom	Material	Dimensions	
			Extruded Brass Track	Jamb Bracket
915C	12 to 13½ in. Inclusive	Extruded Brass	$\frac{7}{8}$ in. wide $\frac{3}{4}$ in. deep walls $\frac{1}{16}$ in. thick	3½ x 1 in.
915D	14 to 17½ in. Inclusive	Extruded Brass		
915E	18 to 23½ in. Inclusive	Extruded Brass		
915F	24 to 29½ in. Inclusive	Extruded Brass		
915G	30 to 35½ in. Inclusive	Extruded Brass		
915H	36 to 42 in. Inclusive	Extruded Brass		

One in a box, with screws.

When ordering, specify height and thickness of transom; hinge clearance.

Specify number and finish. See pages 1 and 2.



Transom Stay

83

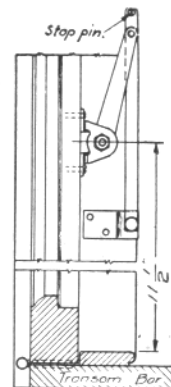
REVERSIBLE

FOR TRANSOMS OPENING OUT

Can also be applied to transoms opening in if there is no objection to applying the stay on the outside.

Friction adjustable by means of a hexagon headed bolt with a spring washer under head to take up wear.

Short arm $4\frac{1}{8}$ in. center to center. Long arm 7 in. center to center. Sash to center of bearing $1\frac{3}{16}$ in.



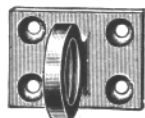
SHOWING APPLICATION TO TRANSOMS

Applied to Transom

No.	Allows Transom to Open	Material and Finish	Sash Plate Inches	Jamb Plate Inches	Packed in a Box	Weight Dozen
01059	45°	Wrought Steel *Zinc Plated	$\frac{7}{8}$ x $2\frac{1}{2}$	1 x 2	6	8 lbs.

Packed with screws. *Also furnished in plated finishes.

Transom Eyes



197



198

No.	Size Inches	Material and Finish	Projection Inches	Packed in a Box	Weight Dozen
197 198	1 x $1\frac{3}{8}$ $\frac{5}{8}$ x $1\frac{1}{2}$	Cast Brass or Bronze Polished Polished	$1\frac{1}{2}$ $1\frac{1}{16}$	3 Dozen 3 Dozen	$1\frac{1}{4}$ lbs. $\frac{7}{8}$ lbs.

Packed with screws.



203

Transom Chains



201, 0201

No.	Length Inches	Material and Finish	Plates Inches	Sash Chain No.	Packed in a Box	Weight Dozen
203	10	Cast Brass or Bronze Polished	$1\frac{3}{4}$ x 1	40	12	$2\frac{1}{8}$ lbs.
203	12	Polished	$1\frac{3}{4}$ x 1	40	12	$2\frac{3}{8}$ lbs.
203	15	Polished	$1\frac{3}{4}$ x 1	40	12	$2\frac{3}{4}$ lbs.
201	10	Wrought Brass or Bronze Polished	$1\frac{3}{8}$ x $\frac{5}{8}$	40	12	$1\frac{5}{8}$ lbs.
201	12	Polished	$1\frac{3}{8}$ x $\frac{5}{8}$	40	12	$1\frac{7}{8}$ lbs.
0201	10	Wrought Steel Plated	$1\frac{3}{8}$ x $\frac{5}{8}$	80	12	$1\frac{1}{2}$ lbs.
0201	12	Plated	$1\frac{3}{8}$ x $\frac{5}{8}$	80	12	$1\frac{5}{8}$ lbs.

Packed with screws.
Can be furnished with spring snap when so ordered at additional charge.

Specify number, size and finish. See pages 1 and 2.



Friction Catches

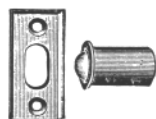


E03234

No.	Catch Inches	Material and Finish Wrought Steel		Strike Inches	Packed in a Box	Weight Dozen
		Catch	Strike			
E03234	1 1/4 x 3/8	Nickel Plated	Nickel Plated	3/4 x 1 3/8	3 Dozen	8 oz.

Packed with screws.

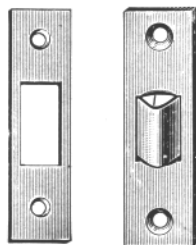
Projection Adjustable



3236 to 3239

No.	Length Inches	Material and Finish	Diam- eter Inches	Adjust- ment Inches	Strike Inches	Packed in a Box	Weight Dozen
		All Brass					
3236	3/8	Steel Ball Center	1/4	1/8	5/16 x 13/16	3 Doz.	1 1/2 oz.
3237	1/2	Steel Ball Center	3/8	1/4	5/8 x 1 1/8	3 Doz.	4 3/4 oz.
3238	3/4	Steel Ball Center	3/8	1/4	5/8 x 1 1/8	3 Doz.	5 oz.
3239	1	Steel Ball Center	5/8	3/8	3/4 x 1 11/16	1 Doz.	1 lb.

Packed with screws.



3232

No.	Size Inches	Material and Finish	Strike Inches	Packed in a Box	Weight Dozen
3232	2 3/8 x 3/4	Wrought Brass Polished	2 3/8 x 5/8	3 Dozen	14 oz.

Packed with screws.

Elbow Catch

ELBOW CATCH

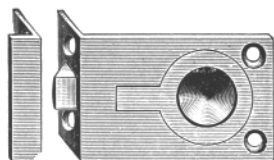


3222-T03222

No.	Plate, Inches	Material and Finish	Packed in a Box	Weight Dozen
3222 T3222	5/8 x 1 1/4 5/8 x 1 1/4	Cast Brass or Bronze Polished Unpolished	3 Dozen 3 Dozen	1 lb. 1 lb.
T03222 O3222	5/8 x 1 1/4 5/8 x 1 1/4	Cast Iron Japanned Plated	3 Dozen 3 Dozen	1 lb. 1 lb.

Packed with screws, excepting J03222.

Show Case Catch



3220

No.	Size Inches	Material and Finish	Strike Inches	Packed in a Box	Weight Dozen
3220	1 1/4 x 2	Cast Brass or Bronze Polished	1 1/4 x 1/2	1 Dozen	1 1/2 lbs.

Packed with screws.

Specify number, size and finish. See pages 1 and 2.

Secret Gate Catch

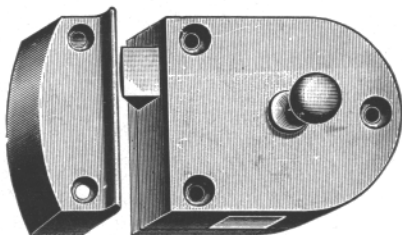
85

Rev. 6-1-57

REVERSIBLE

FOR SINGLE ACTING GATES

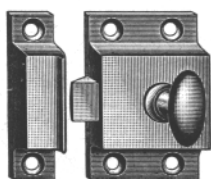
Operated by finger operating lever in bottom of case



3213, 03213

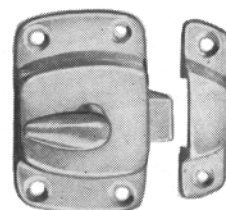
No.	Case Size Inches	Material and Finish	Strike Inches	Packed in a Box	Weight Dozen
3213	2 x 2½	Cast Brass or Bronze Polished	2 x ¾	6	7⅞ lbs.
03213	2 x 2½	Cast Iron Polished, Plated	2 x ¾	6	8⅞ lbs.

Packed with screws.



3038

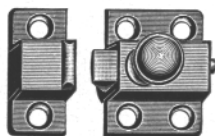
Cupboard Turns



03045

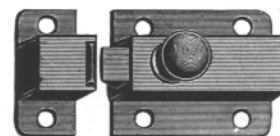
No.	Case Size Inches	Material and Finish	Strike Inches	Packed in a Box	Weight Dozen
3038	2⅜ x 1⅝	Cast Brass or Bronze Polished	2⅜ x ⅝	12	4½ lbs.
03045	1⅜ x 2⅜	Wrought Steel Plated	1⅜ x ½	12	1¾ lbs.

Packed with screws.



03253

Cupboard Catches



03259

No.	Case Size Inches	Material and Finish	Strike Inches	Packed in a Box	Weight Dozen
03253	1⅝ x 1½	Wrought Steel Plated	1⅝ x ⅞	12	¾ lb.
03259	1⅝ x 1¾	Plated	1⅝ x ⅞	12	15 oz.

Packed with screws.

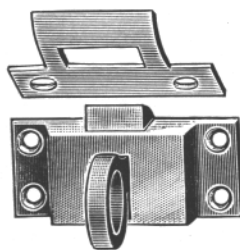
Specify number and finish. See pages 1 and 2.



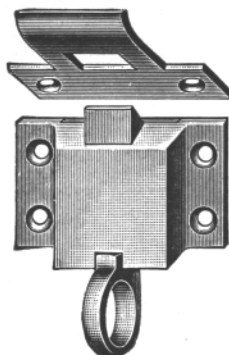
86

Rev. 6-1-57

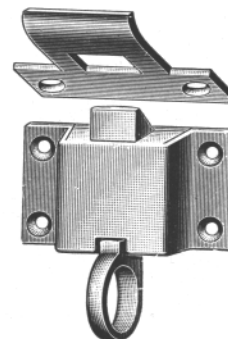
Transom Catches



3273, T3273



3275, T03275



3277, 03277

No.	Case Size Inches	Material and Finish	Strike Size Inches	Packed in a Box	Weight Dozen
3273	1 $\frac{1}{16}$ x2 $\frac{7}{16}$	Cast Brass or Bronze			
T3273	1 $\frac{1}{16}$ x2 $\frac{7}{16}$	Polished	2 $\frac{1}{8}$ x1 $\frac{13}{16}$	12	3 $\frac{3}{4}$ lbs.
3275	1 $\frac{1}{8}$ x2 $\frac{1}{4}$	Roll Polish	2 $\frac{1}{8}$ x1 $\frac{13}{16}$	12	3 $\frac{3}{4}$ lbs.
		Polished	1 $\frac{13}{16}$ x1 $\frac{3}{4}$	12	3 $\frac{3}{16}$ lbs.
*3277	1 $\frac{1}{16}$ x2 $\frac{1}{8}$	Wrought Brass or Bronze			
		Polished	1 $\frac{13}{16}$ x1 $\frac{3}{4}$	12	2 $\frac{1}{4}$ lbs.
T03275	1 $\frac{3}{8}$ x2 $\frac{1}{4}$	Cast Iron			
		Plated	1 $\frac{13}{16}$ x1 $\frac{3}{4}$	12	3 $\frac{3}{16}$ lbs.
*03277	1 $\frac{1}{16}$ x2 $\frac{1}{8}$	Wrought Steel			
		Plated	1 $\frac{13}{16}$ x1 $\frac{3}{4}$	12	2 $\frac{1}{4}$ lbs.

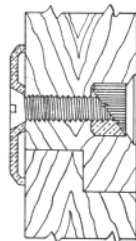
Packed with screws.

*No. 3277 and 03277 can be furnished with reverse bevel latch when so ordered.

Box strike of type as shown, furnished with any of the above transom catches, when so ordered.



Box Strike



1144

Combination Door Fastener

FOR DOORS 1 $\frac{1}{8}$ " TO 1 $\frac{3}{4}$ " THICK

No.	Size of Plate	Description	Packed in a Box	Weight Dozen
1145	1 $\frac{1}{4}$ x $\frac{5}{8}$	Wrought Brass Plate Brass Knurled Nut	$\frac{1}{2}$ gross	5 $\frac{1}{2}$ oz.

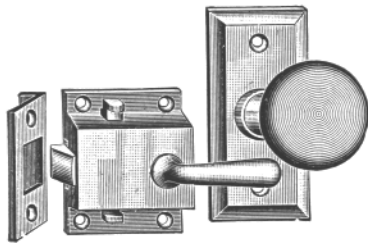
A quarter turn of screw allows plate to drop in line with stile allowing panel to be removed or replaced without removing screw.

Specify number and finish. See pages 1 and 2.



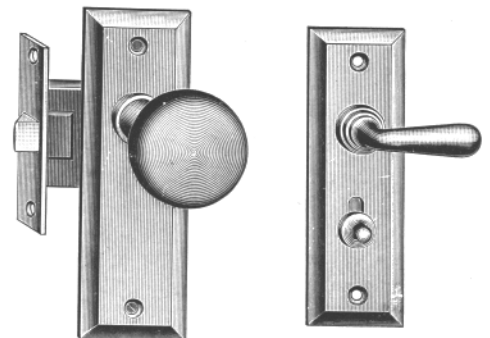
Screen Door Catches

87



3463-T03463

FOR DOORS
7/8 TO 1 3/8 IN.
THICK



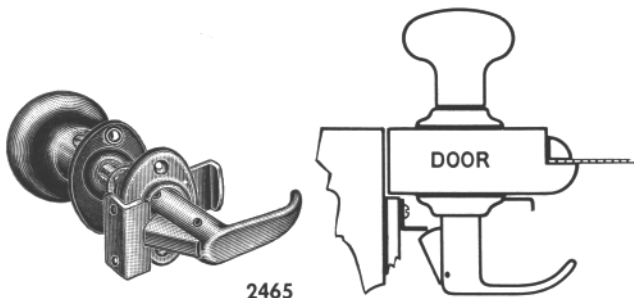
3457-03457

Catch2 1/4 x 1 7/8 x 5/8 in.
Backset1 5/8 in.
Strike1 3/4 x 1 3/16 in.
Projection, lever 1 5/16 in., knob 2 1/8 in.

CaseJapanned iron 2 x 2 1/8 x 2 1/2 in.
Front3 5/16 x 1 1/16 in.
Backset1 5/8 in.
Hub5/16 in.
Strike1 3/4 x 1 3/16 in.
ProjectionLever 1 3/4 in., knob 2 in.
OperationLatch bolt by knob from outside and by lever from inside. Knob and lever locked by slide stop inside

No.	For Doors Opening	Material and Finish	Escutcheon Size, Inches	Lever Inches	Knob, Dia. Inches	Packed in a Box	Weight Dozen
3463	Out	Cast Brass or Bronze Polished, with Wrought Brass or Bronze Knob and Escutcheon	3 1/4 x 1 1/2	1 5/8	1 3/4	1 set	7 1/2 lbs.
T03463	Out	Cast Iron Plated, with Wrought Steel Knob and Escutcheon	3 1/4 x 1 1/2	1 5/8	1 3/4	1 set	7 1/2 lbs.
3457	In or Out	Wrought Brass or Bronze With Cast Brass or Bronze Bolt and Lever. Polished	4 1/2 x 1 1/2	1 5/8	1 3/4	1 set	10 1/2 lbs.
03457	In or Out	Wrought Steel With Cast Iron Bolt and Lever. Plated	4 1/2 x 1 1/2	1 5/8	1 3/4	1 set	10 1/2 lbs.

Packed with screws.



2465

For Doors 7/8 to 1 3/8 in. Opening Out

Backset....1 1/4 in. for 3/8 in. stop or 7/8 in. from stop.
Projection. Knob 1 13/16 in. Lever 1 1/16 in.
Operation. By turn of knob outside or lever inside except when knob and lever are locked by slide on inside rose. Slide can be used to lock latch in open position. Bore 1 3/16 in. hole through door to apply.

No.	Knob Wrought Brass or Bronze	Lever Cast Brass or Bronze	Roses Wrought Brass or Bronze	Packed in a Box	Weight Dozen
2465	1 3/4 in.	1 7/8 in.	1 3/4 x 1 3/8 in.	1	5 1/4 lbs.

Packed with screws.

Specify number and finish. See pages 1 and 2.



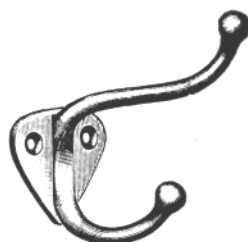
Coat and Hat Hooks



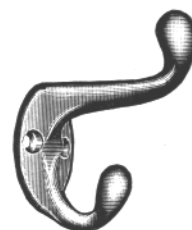
1232, T01232
Type of 6232



1210, T01210
Type of 1211, to T01212



T01239



T01217

No.	Projection Inches	Material and Finish	Base Inches	Packed in a Box	Weight Dozen
Cast Brass or Bronze					
1210	2 ⁵ / ₈	Polished	1 ⁵ / ₁₆ x 1 ¹¹ / ₁₆	2 Dozen	2 lbs.
1211	3 ⁵ / ₈	Polished	1 ¹ / ₁₆ x 1 ¹¹ / ₁₆	2 Dozen	3 ³ / ₄ lbs.
1212	4	Polished	1 ¹ / ₈ x 1 ⁷ / ₈	2 Dozen	5 ⁷ / ₁₆ lbs.
1232	3 ¹ / ₈	Polished	1 ¹ / ₈ x 1 ¹ / ₂	2 Dozen	1 ¹¹ / ₁₆ lbs.
T1232	3 ¹ / ₈	Roll Polish	1 ¹ / ₈ x 1 ¹ / ₂	2 Dozen	1 ¹¹ / ₁₆ lbs.
Cast Iron					
T01210	2 ⁵ / ₈	Plated	1 ⁵ / ₁₆ x 1 ¹¹ / ₁₆	2 Dozen	1 ¹ / ₂ lbs.
T01211	3 ⁵ / ₈	Plated	1 ¹ / ₁₆ x 1 ¹¹ / ₁₆	2 Dozen	3 ³ / ₄ lbs.
T01212	4	Plated	1 ¹ / ₈ x 1 ⁷ / ₈	2 Dozen	4 ¹ / ₂ lbs.
T01217	3 ³ / ₈	Plated	1 ¹ / ₄ x 2	2 Dozen	4 ¹ / ₂ lbs.
J01217	3 ³ / ₈	Japanned	1 ¹ / ₄ x 2	2 Dozen	4 ¹ / ₂ lbs.
J01217 ¹ / ₂	3 ³ / ₈	Japanned	1 ¹ / ₄ x 2	2 Dozen	4 ¹ / ₂ lbs.
T01232	3 ¹ / ₈	Plated	1 ¹ / ₈ x 1 ¹ / ₂	2 Dozen	1 ¹¹ / ₁₆ lbs.
C01232	3 ¹ / ₈	Coppered	1 ¹ / ₈ x 1 ¹ / ₂	2 Dozen	1 ¹¹ / ₁₆ lbs.
C01232 ¹ / ₂	3 ¹ / ₈	Coppered	1 ¹ / ₈ x 1 ¹ / ₂	2 Dozen	1 ¹¹ / ₁₆ lbs.
T01239	3	Plated	1 ¹ / ₈ x 1 ¹ / ₂	2 Dozen	1 ¹¹ / ₁₆ lbs.
Aluminum					
*6232	3 ¹ / ₈	Roll Polish	1 ¹ / ₈ x 1 ¹ / ₂	2 Dozen	5 ⁵ / ₈ lbs.

J01217¹/₂ and C01232¹/₂ less screws, all others packed with screws. *Furnished only in EA, DB, E and AL finishes.

Wardrobe Hooks



T01206



T01203

Ceiling Hooks



T01240

Pew Hooks



T01204

No.	Projection Inches	Material and Finish	Base Inches	Packed in a Box	Weight Dozen
Cast Iron					
T01203	1 ³ / ₄	Plated	1 ¹ / ₄ x 1 ³ / ₈	2 Dozen	1 ¹ / ₈ lbs.
T01204	2 ¹ / ₄	Plated	1 ¹ / ₈ x 2 ⁵ / ₈	2 Dozen	3 ³ / ₁₆ lbs.
T01206	1 ¹ / ₄	Plated	1 ³ / ₈ x 1 ¹ / ₄	2 Dozen	1 ¹¹ / ₁₆ lbs.
T01240	2 ¹ / ₄	Plated	3 ³ / ₄ x 1 ³ / ₁₆	1 Dozen	1 ⁵ / ₁₆ lbs.

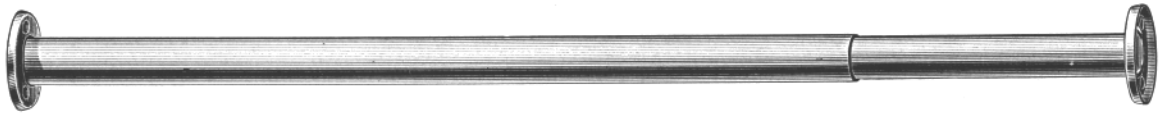
Packed with screws.

Specify number and finish. See pages 1 and 2.



Closet Bars

89

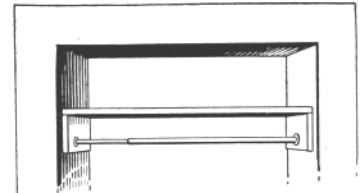


1235-01235
Wall to Wall Type

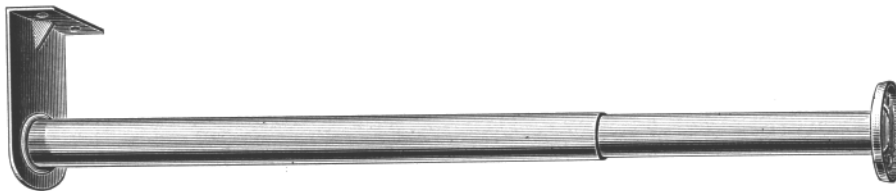
No. **E1235 Wrought Brass**, Nickel Plated
No. **E01235 Wrought Steel**, Nickel Plated

Length Inches	Extends To	Wall Base	Bars Diameter	Packed in a Box	Weight Dozen
18	30 in.	2 $\frac{1}{8}$ in. Dia.	1 in. & $\frac{15}{16}$ in.	6	16 $\frac{1}{2}$ lbs.
30	48 in.	2 $\frac{1}{8}$ in. Dia.	1 in. & $\frac{15}{16}$ in.	6	28 $\frac{1}{4}$ lbs.
48	72 in.	2 $\frac{1}{8}$ in. Dia.	1 in. & $\frac{15}{16}$ in.	6	40 lbs.
72	120 in.	2 $\frac{1}{8}$ in. Dia.	1 in. & $\frac{15}{16}$ in.	6	60 lbs.

Packed with screws.



1235, 01235
View applied

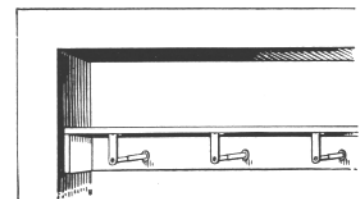


1236, 01236
Wall to shelf type. Shelf to center of bar 2 $\frac{9}{16}$ in.

No. **E1236 Wrought Brass**, Nickel Plated
No. **E01236 Wrought Steel**, Nickel Plated

Length Inches	Extends To	Wall Base	Shelf Bracket Inches	Bars Diameter	Packed in a Box	Weight Dozen
8	12 in.	2 $\frac{1}{8}$ in. Dia.	3 $\frac{1}{2}$ x 1 $\frac{7}{8}$ x 1	1 in. & $\frac{15}{16}$ in.	6	11 $\frac{1}{2}$ lbs.
12	18 in.	2 $\frac{1}{8}$ in. Dia.	3 $\frac{1}{2}$ x 1 $\frac{7}{8}$ x 1	1 in. & $\frac{15}{16}$ in.	6	14 lbs.
18	30 in.	2 $\frac{1}{8}$ in. Dia.	3 $\frac{1}{2}$ x 1 $\frac{7}{8}$ x 1	1 in. & $\frac{15}{16}$ in.	6	18 lbs.

Packed with screws.



1236, 01236
View applied



CENTER SUPPORTING BRACKET

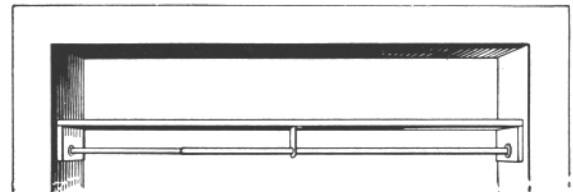
For use as a center support for long bars mounted under a shelf, when so desired.

Size 3 $\frac{1}{2}$ x 1 $\frac{7}{8}$ x 1 in.

Shelf to center of bar 2 $\frac{9}{16}$ in.

No. **E1235C Wrought Brass**, Nickel Plated
No. **E01235C Wrought Steel**, Nickel Plated

**1235C,
01235C**



1235C, 01235C

View applied to center of 1235 type bar

Steel bars made from butt jointed steel tubing. Brass bars made from seamless brass tubing.

Closet Bars are furnished nickel plated finish only.

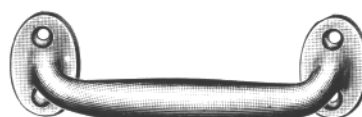
Specify number and size.



Drawer Pulls



1344



1355



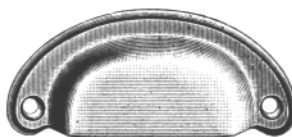
1345



1357



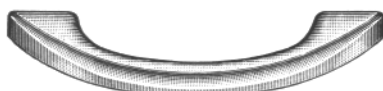
1346



01366



1358



4382



4383

No.	Overall Size Inches	Material and Finish	Cen. to Cen. of Screws Inches	Projection Inches	Clearance Inches	Packed in a Box	Weight Dozen
*1344	$1\frac{1}{16} \times 4\frac{1}{4}$	Cast Brass or Bronze Polished	$3\frac{1}{2}$	1	$\frac{3}{4}$	12	$2\frac{1}{16}$ lbs.
*1345	$1\frac{1}{16} \times 4\frac{1}{4}$	Polished	$3\frac{7}{16}$	1	$\frac{3}{4}$	12	$1\frac{11}{16}$ lbs.
*1346	$\frac{1}{2} \times 3\frac{5}{8}$	Polished	$3\frac{1}{4}$	$1\frac{1}{16}$	$\frac{5}{8}$	12	$1\frac{5}{16}$ lbs.
1355	$1\frac{1}{16} \times 4\frac{1}{4}$	Polished	....	$1\frac{3}{16}$	$\frac{7}{8}$	12	$2\frac{1}{16}$ lbs.
*1357	$\frac{7}{8} \times 4\frac{1}{8}$	Polished	$3\frac{1}{4}$	$1\frac{5}{16}$	$\frac{7}{8}$	12	3 lbs.
*1358	$1\frac{1}{16} \times 4\frac{11}{16}$	Polished	$3\frac{1}{2}$	....	1	12	$2\frac{11}{16}$ lbs.
01366	$\frac{1}{2} \times 3\frac{1}{2}$	Wrought Steel Plated	....	....	....	6 Dozen	$\frac{5}{8}$ lb.
†4382	4	Die Cast Roll Polish	3	$1\frac{5}{16}$	$1\frac{11}{16}$	12	$2\frac{5}{8}$ lbs.
†4383	5	Roll Polish	$3\frac{1}{2}$	$1\frac{1}{16}$	$\frac{3}{4}$	12	$3\frac{1}{8}$ lbs.

†Nos. 4382 and 4383 furnished only in EA, DB, E and CR finishes.

*FASTEN WITH MACHINE SCREWS FROM THE INSIDE

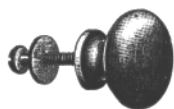
Packed with screws.

Specify number and finish. See pages 1 and 2.

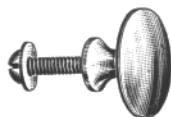


Drawer Knobs

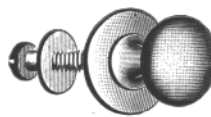
FASTEN WITH MACHINE SCREW FROM THE INSIDE



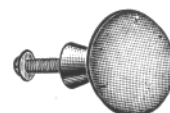
2531



2537



2538



4544

No.	Diameter Inches	Material and Finish	Projection Inches	Packed in a Box	Weight Dozen
2531	1	Cast Brass or Bronze Polished	1	12	2 lbs.
2531	1 1/4	Polished	1	12	2 3/4 lbs.
2537	1	Polished	7/8	12	3/4 lb.
2538	1	Polished	1 3/16	12	2 lbs.
2538	1 1/4	Polished	1 3/8	12	3 1/4 lbs.
*4544	7/8	Die Cast Roll Polish	7/8	12	5/8 lb.
*4544	1 1/8	Roll Polish	1 5/16	12	1 lb.

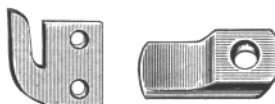
Packed with screws and washers for wood up to 1 1/8 in. thick.

*No. 4544 furnished only in EA, DB, E and CR finishes.

Cupboard Turn Buttons



3028



03024, 03025

03025 including strike



03023

No.	Size Inches	Material and Finish	Packed in a Box	Weight Gross
*3028	1	Cast Brass Polished	1 Gross	2 5/8 lbs.
*3028	1 1/2	Polished	1 Gross	4 1/8 lbs.
G03023	1 3/4	Cast Iron Zinc Plated	1 Gross	4 lbs.
G03023	2	Zinc Plated	1 Gross	6 lbs.
G03024	1 1/2	Zinc Plated	1 Gross	4 11/16 lbs.
*G03025	1 1/2	Zinc Plated	1 Gross	6 1/4 lbs.

*Packed with screws.

Shelf Supports

No.	Diameter of Pin, Inches	Material and Finish	Rest	Packed in a Box	Weight Gross
A712	1/4	Wrought Steel Brass Plated	1/2 x 3/4	12 Dozen	2 1/4 lbs.
E712	1/4	Nickel Plated	1/2 x 3/4	12 Dozen	2 1/4 lbs.



712

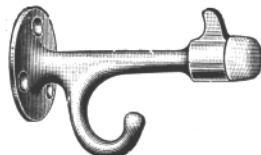
Specify number, size and finish. See pages 1 and 2.



92

Lavatory Coat Hook and Door Stop

WITH RUBBER BUMPER



1220

No.	Projection Inches	Material and Finish	Base Inches	Packed in a Box	Weight Dozen
1220	3¾	Cast Brass or Bronze Polished	1¼ in. Dia.	12	4⅝ lbs.

Packed with screws. Can be supplied with through bolts for marble.

Flush Rings



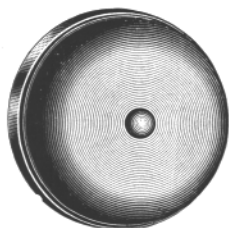
520

No.	Size Inches	Material and Finish	Plate Inches	Ring, Dia. Inches	Packed in a Box	Weight Dozen
520	1¼	Cast Brass or Bronze Polished	1⅝ x 1¼	1	3 Dozen	14 oz.

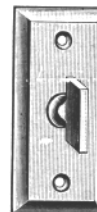
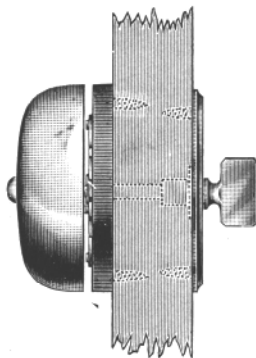
Packed with screws.

Door Bell Sets

ROTARY STROKE, TO OPERATE BY TURN



01897



70264

Bell Wrought Steel, Turns Wrought, Brass or Bronze

Set No.	Bell		Turn			Packed in a Box	Weight Set
With Wrought Brass or Bronze Turn	No.	Diameter Inches	No. Wrought Brass or Bronze	Size Inches	Design		
70211	01897	3	70264	3¼ x 1½	Portland	1 Set	7½ oz.

Packed with screws and 4 in.* connecting rod. *Longer connecting rods furnished when so ordered.

Specify number and finish. See pages 1 and 2.



House Numbers



130



L118

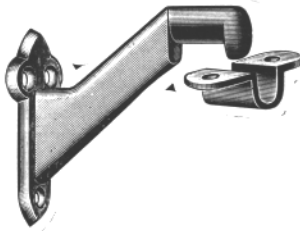
1 2 3 4 5 6 7 8 9 0

1 2 3 4 5 6 7 8 9 0

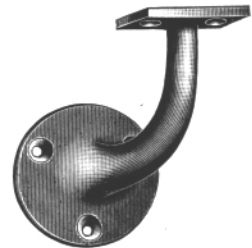
No.	Height	Material and Finish
130	2 in.	Cast Brass or Bronze
130	3 in.	Polished
130	4 in.	Polished
530	4 in.	Polished
	4 in.	Hammered, HPE finish only.
L118	3 in.	Cast Aluminum, Roll Polish

Nos. 130 and 530 packed with screws. No. L118 packed with escutcheon pins.

Hand Rail Brackets



T0170
Type of 6170



T0176, T0177

No.	Base Inches	Material and Finish	Projection Base to Center of Rail	Staple Inches	Packed in a Box	Weight Dozen
T0170	3x1 $\frac{1}{4}$	Cast Iron	2 $\frac{1}{2}$ in.	2 $\frac{3}{8}$ x1 $\frac{3}{16}$	12	5 $\frac{1}{4}$ lbs.
T0176	2 $\frac{1}{8}$	Plated	2 $\frac{1}{2}$ in.	.....	12	5 lbs.
T0177	2 $\frac{1}{8}$	Plated	3 $\frac{1}{2}$ in.	.....	12	7 $\frac{1}{2}$ lbs.
*6170	3x1 $\frac{7}{16}$	Aluminum Roll Polish	2 $\frac{3}{4}$ in.	2 $\frac{3}{8}$ x1 $\frac{3}{16}$	12	3 $\frac{1}{4}$ lbs.

Packed with screws.

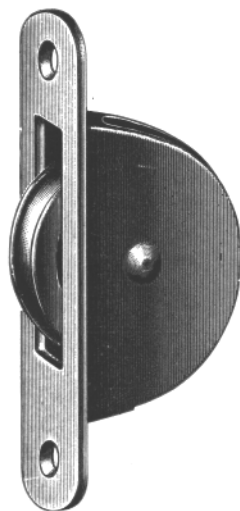
*Furnished only in EA, DB, E and AL finishes.

Specify number, size and finish. See pages 1 and 2.



Sash Pulleys

WITH ROUND ENDS, CAST IRON CASE



0909 To 0949

Type of Groove

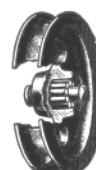


Universal Groove
For cord or chain,
furnished regularly

Cut-Open View Showing Bearings



Turned Wheel
Noiseless bearing



Turned Wheel
Roller bearing

*Diameter of Wheel	Front Size, Inches
2¼ in.	5⅜ x 1⅝
2½ in.	5¾ x 1¾

No.	Material and Finish		Type	Packed in a Box
	Front	Wheel		
0909	Cast Iron	Cast Iron, Turned	Noiseless Bearing	6
0929	Plain	Cast Iron, Turned	Noiseless Bearing	6
0949	Polished, Plated	Cast Iron, Turned	Roller Bearing	6

Weight Dozen

Wheel	0909	0929	0949
2¼ in.	8⅝ lbs.	8⅝ lbs.	9¾ lbs.
2½ in.	10⅞ lbs.	10⅞ lbs.	12 lbs.

No. 0909 packed without screws, all others with screws.

*State size of wheel.

Specify number and finish. See pages 1 and 2.





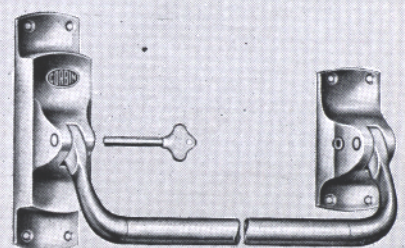
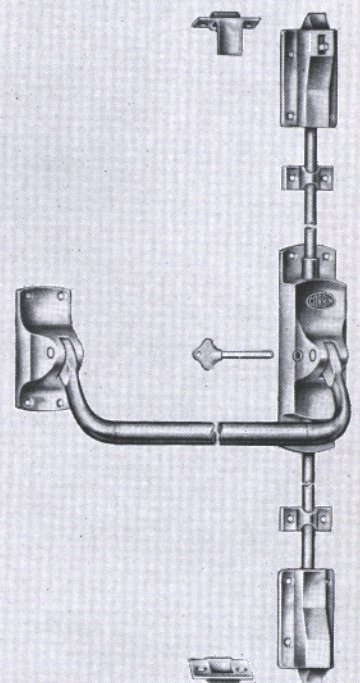
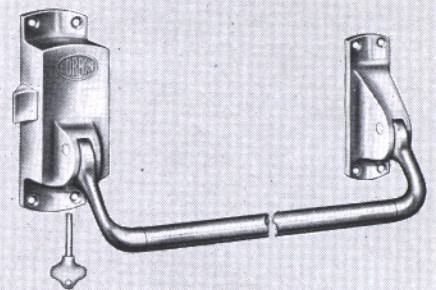
CANADA

EXIT FIXTURES

RIM TYPE EXIT
FIXTURES

MULLION

EXIT FIXTURES
FOR USE WITH
MORTISE LOCKS





INDEX OF

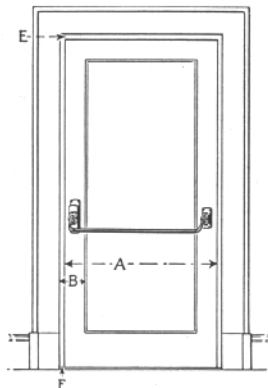
Automatic Exit Fixtures

Item	Page
GENERAL DESCRIPTION	97
DETAILED INFORMATION AND INSTRUCTIONS FOR ORDERING..	97
HAND OF DOORS	97
TYPES OF STRIKES	115, 117
HEAVY DUTY TYPE	98, 109
PUSH LEVER TYPE	108, 109
MEDIUM WEIGHT	110, 113
RIM TYPE	98, 100
STEEL MULLION	101
CO-ORDINATING DEVICE	116
THRESHOLDS	118

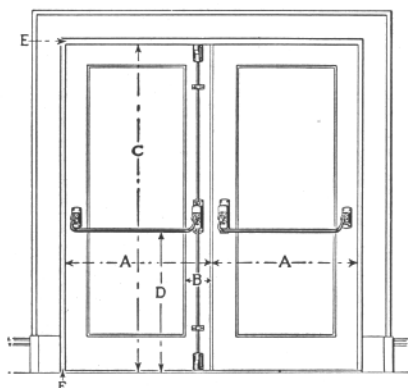
Automatic Exit Fixtures

97

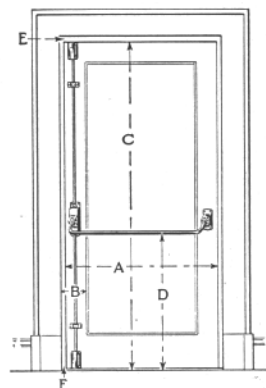
INSTRUCTIONS FOR ORDERING



Inside view of single entrance door with exit push bar



Inside view of pair of entrance doors with exit bolt and push bar



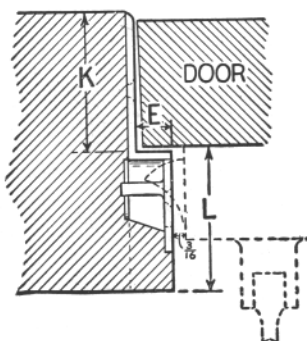
Inside view of single exit door with exit bolt

Measurements to be taken from inside of door.

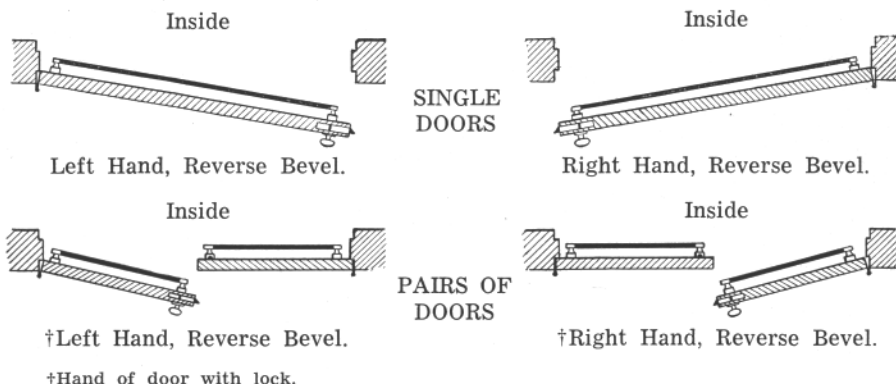
SINGLE DOORS When ordering specify	PAIRS OF DOORS When ordering specify
"A" Width of door.	"A" Width of each door.
"B" Width of stile. Minimum width for mortise locks 4½ in. For vertical bolts 3½ in. For rim fixtures 4½ or 5 in. with mullion.	"B" Width of stile. Minimum width for mortise locks 4½ in. For vertical bolt 3½ in. For rim fixtures with mullion 5 in.
"C" Height of door for vertical bolts.	"C" Height of door.
"D" Height of horizontal bar from floor to center of bar (38 in. unless otherwise ordered.)	"D" Height of door.
"E" Thickness of stops. (Furnished for ½ in. stop unless otherwise ordered.)	"E" Thickness of stops. (Furnished for ½ in. stop unless otherwise ordered.)
"F" Length of lip for rim fixtures measured from stop to end of lip. Furnished ¼ in. more than thickness of door unless otherwise specified.	"F" Width of stop.
"L" Width of stop. Minimum 1½ in. for rim fixtures.	"L" Width of stop.
Hand of Door—Must be right hand reverse bevel or left hand reverse bevel.	
Thickness of Door.	

Is bottom strike for wood, stone, cement or metal threshold?

STRIKE FOR SINGLE DOOR For rim fixtures



Hand of Doors



Automatic Exit Fixtures

HEAVY DUTY RIM TYPE

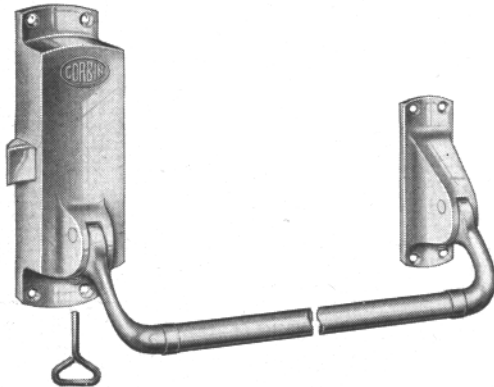
FOR SINGLE DOORS

Can be used in double openings in conjunction with removable steel mullion.

CAST BRASS, BRONZE OR ALUMINUM

Lock and Exit Mechanism Factory Assembled—Applied as a Unit—No Lock to Mortise
Easy Closing—Only Six Working Parts in Case—Especially Adapted to Doors too thin for Mortise Lock
Drop Forged Arm Lever with Oilite Bearings. Drop Forged Latch Lever

*NOT REVERSIBLE



2926, 2926NT, 2927 and 2929
Left Hand Reverse Bevel shown
2926½ and 2927½ same but
with inside cylinder in case.



674
Universal
Adjustable
Strike

Cases: Heavy castings.

Active case 9¼ x 3 in.

Supporting case 5¼ x 1½ in.

Latch Bolt: Swinging type, ¾ in. throw.

Horizontal Bar: Seamless Tubing 1 in. diameter.

Horizontal bar can be furnished stainless steel or white bronze to order.

Horizontal bar can be furnished reinforced with steel tubing. To order affix **RC** to number, thus: **2926RC**.

Backset: 2½ in. for stops ½ in. thick.

2⅝ in. for stops ⅝ in. thick.

Strike: Universal type suits most types of installation. Adjustable to overcome shrinkage of doors.

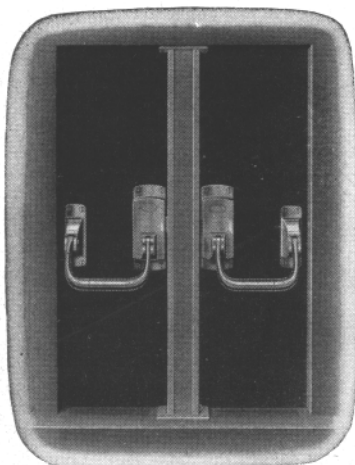
Master Keying: Can be master keyed in sets as desired with other Corbin Cylinder Locks.

Minimum width of stile 4½ in. for door with ⅝ in. stops or 5 in. when used with mullion.

Inside Operation

Latch bolt can be retracted from the inside at all times by slight pressure against horizontal bar, affording immediate exit.

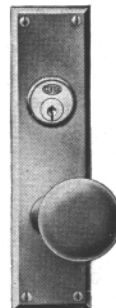
Dogging Devices in both cases to lock horizontal bar in depressed position by means of dogging key, holding latch bolt in retracted position. With stainless steel helicoil inserts in cases to prevent wear and corrosion and to overcome loosening of locking screw.



Applied to Double Doors
with Mullion.
See Mullions, page 101



75385¼NT
Outside trim for
No. 2926NT



1519½ x 74130
Outside trim for
Nos. 2927 and 2927½

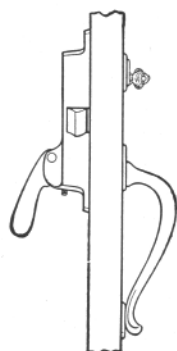


75385¼
Outside Trim for
Nos. 2926 and 2926½

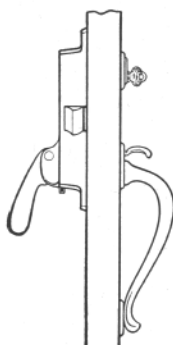
For optional outside trim see page 114.



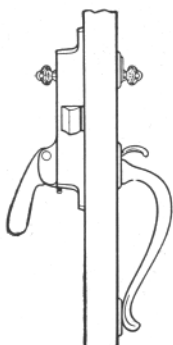
FOR DOORS USED FOR ENTRANCE AND EXIT



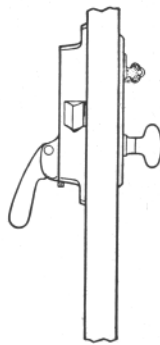
2926NT



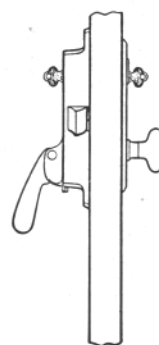
2926



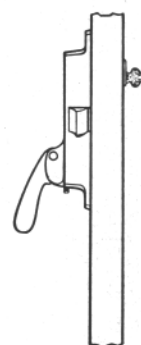
2926 1/2



2927



2927 1/2



2929 1/4

*NOT REVERSIBLE

OPERATION OF OUTSIDE TRIM AND LOCKING MECHANISM

No. **2926NT** Latch bolt operated by key only from outside. Pull can be used to open door when latch bolt is held retracted.

No. **2926** Latch bolt operated by key or thumb piece from outside, except when thumb piece is deadlocked by key.

No. **2926 1/2** Latch bolt operated by key or thumb piece from outside except when thumb piece has been deadlocked from the inside by master key only unless otherwise ordered.

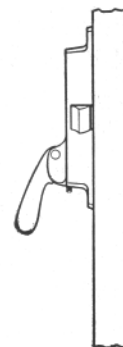
No. **2927** Latch bolt operated by key or knob from the outside except when knob has been deadlocked by key.

No. **2927 1/2** Latch bolt operated by key or knob from the outside except when knob is deadlocked from the inside by master key only unless otherwise ordered.

No. **2929** For exit only, no outside trim or operation.

No. **2929 1/4** Latch bolt operated by key only from outside. No other outside trim.

For Doors
Used For
Exit Only



2929

No.	Material and Finish	Cylinders	2 Keys Class	Key Changes	Outside Trim Cast Brass, Bronze or Aluminum		Approximate Weight, Each
2926NT	Cast Brass or Bronze Polished	One No. 251	77	Unlimited	Door Pull 75385 1/4 NT (8 3/4 x 2 1/4 in.)	Cylinder Collar 75314 (2 1/4 x 2 1/4 in.)	14 lbs.
2926	Polished	One No. 251	77	Unlimited	Door Handle 75385 1/4 (8 3/4 x 2 1/4 in.)	75314 (2 1/4 x 2 1/4 in.)	14 1/2 lbs.
2926 1/2	Polished	{ One No. 251 One Spec.	77	Unlimited	75385 1/4 (8 3/4 x 2 1/4 in.)	75314 (2 1/4 x 2 1/4 in.)	15 lbs.
2927	Polished	One No. 251	77	Unlimited	Knob 1519 1/2 (2 1/4 in. Dia.)	Escutcheon 74130 (8 x 2 1/2 in.)	13 1/2 lbs.
2927 1/2	Polished	{ One No. 251 One Spec.	77	Unlimited	1519 1/2 (2 1/4 in. Dia.)	74130 (8 x 2 1/2 in.)	14 lbs.
2929	Polished	None				None	12 1/2 lbs.
2929 1/4	Polished	One No. 251	77	Unlimited		None	12 3/4 lbs.

Stock Size: Can be furnished stock size for doors 3 ft. 6 in. wide with cross bar loose so the bar can be cut down on the job for doors under 3 ft. 6 in. in width. In ordering suffix **S** to number, thus **2926NT-S**.

Unpolished: Brass exit fixtures can be supplied unpolished in **TL** (Sprayed Brass Lacquer). **AL** (Aluminum Bronze) or **TKF** (Dead Black Lacquer). Specify finish for outside trim, example: **EAxTL2926NT**.

Packed with screws. Can be furnished with sex bolts to fasten through door, when so ordered.

*In ordering specify hand and thickness of door, width of door, thickness of stops, etc. For instructions for ordering, see page 97.

Specify number and finish. See pages 1 and 2.



100

Rev. 6-1-57

Automatic Exit Fixtures

HEAVY DUTY RIM TYPE

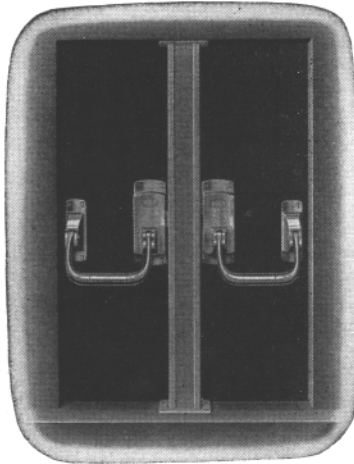
Can be used in double openings in conjunction with removable steel mullion.

FOR SINGLE DOORS**CAST BRASS, BRONZE OR ALUMINUM**

Lock and Exit Mechanism Factory Assembled—Applied as a Unit—No Lock to Mortise
 Easy Closing—Only Three Working Parts in Case—Especially Adapted to Doors too thin for Mortise Lock
 Drop Forged Arm Lever with Oilite Bearings. Drop Forged Latch Lever



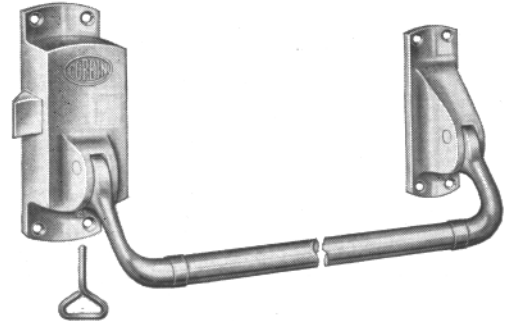
75385¼NT
 Outside Trim for
 No. 2826NT



Applied to Double Doors
 with Mullion
 See Mullions, page 101



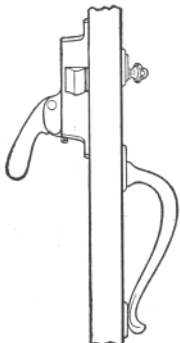
674
 Universal
 Adjustable
 Strike



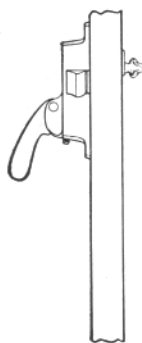
2826NT, 2829

Left Hand Reverse Bevel
 shown.

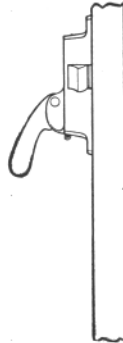
*NOT REVERSIBLE

FOR ENTRANCE AND EXIT

2826NT



2829¼



2829

Outside Operation

No. 2826NT: Latch Bolt operated by key only from outside. The pull can be used to open door when latch bolt is secured in retracted position by pushing in latch bolt with finger or retracting by horizontal bar and turning key towards back of lock while in this position.

No. 2829: No operation from outside.

No. 2829¼: Latch bolt operated by key only from outside.

For Doors
 Used For
 Exit Only

Cases: Heavy castings

Active case 7 $\frac{1}{16}$ x 2 $\frac{3}{4}$ in.

Supporting case 5 $\frac{3}{16}$ x 1 $\frac{1}{16}$ in.

Latch Bolt: Swinging type, $\frac{3}{4}$ in. throw.

†**Horizontal Bar:** 1 in. diameter seamless tubing.

Backset: 2 $\frac{1}{2}$ in. for $\frac{1}{2}$ in. stops.

2 $\frac{5}{8}$ in. for $\frac{5}{8}$ in. stops.

Strike: Universal type to suit most types of installations. Adjustable to overcome shrinkage of doors.

Master Keying: Can be master keyed in sets as desired with other Corbin Cylinder Locks.

Inside Operations: Operated from inside at all times by a slight push on cross bar affording immediate exit.

Dogging Device in both cases to lock cross bar in depressed position by means of dogging key, holding latch bolt in retracted position. With stainless steel helicoil inserts in cases to prevent wear and corrosion and to overcome loosening of locking screw.

Minimum width of style 4 $\frac{1}{2}$ in. for doors with $\frac{5}{8}$ in. stops, 5 in. with removable mullion No. 2565.

No.	Material and Finish	Cylinders	2 Keys Class	Key Changes	Outside Trim Cast Brass, Bronze or Aluminum	Approximate Weight, Each
2826NT	Cast Brass or Bronze	One No. 251	77	Unlimited	Door Pull 75385¼NT (8 $\frac{3}{4}$ x2¼ in.)	12 lbs.
2829	Polished	None	77	Unlimited	Cylinder Collar 75314 (2¼x2¼ in.)	10½ lbs.
2829¼	Polished	One No. 251	77	Unlimited	None	10¾ lbs.

†Horizontal bar can be furnished stainless steel or white bronze to order.

Horizontal bars can be furnished with steel reinforcing tubing. To order affix **RC** to number thus 2826NT-RC.

Stock Size: Can be furnished stock size for doors 3 ft. 6 in. wide with cross bar loose so the bar can be cut down on the job for doors under 3 ft. 6 in. In ordering, suffix **S** to number, thus: 2826NT-S.

Unpolished: Brass Exit fixtures can be supplied unpolished in **TL** (Sprayed Brass Lacquer) **AL** (Aluminum Bronze) or **TKF** (Dead Black Lacquer). Specify finish for outside trim, example: **EAXTL2826NT**.

Packed with screws. Can be furnished with sex bolts to fasten through door, when so ordered.

*In ordering specify hand and thickness of door, width of door, thickness of stop, etc. For instructions for ordering, see page 97.

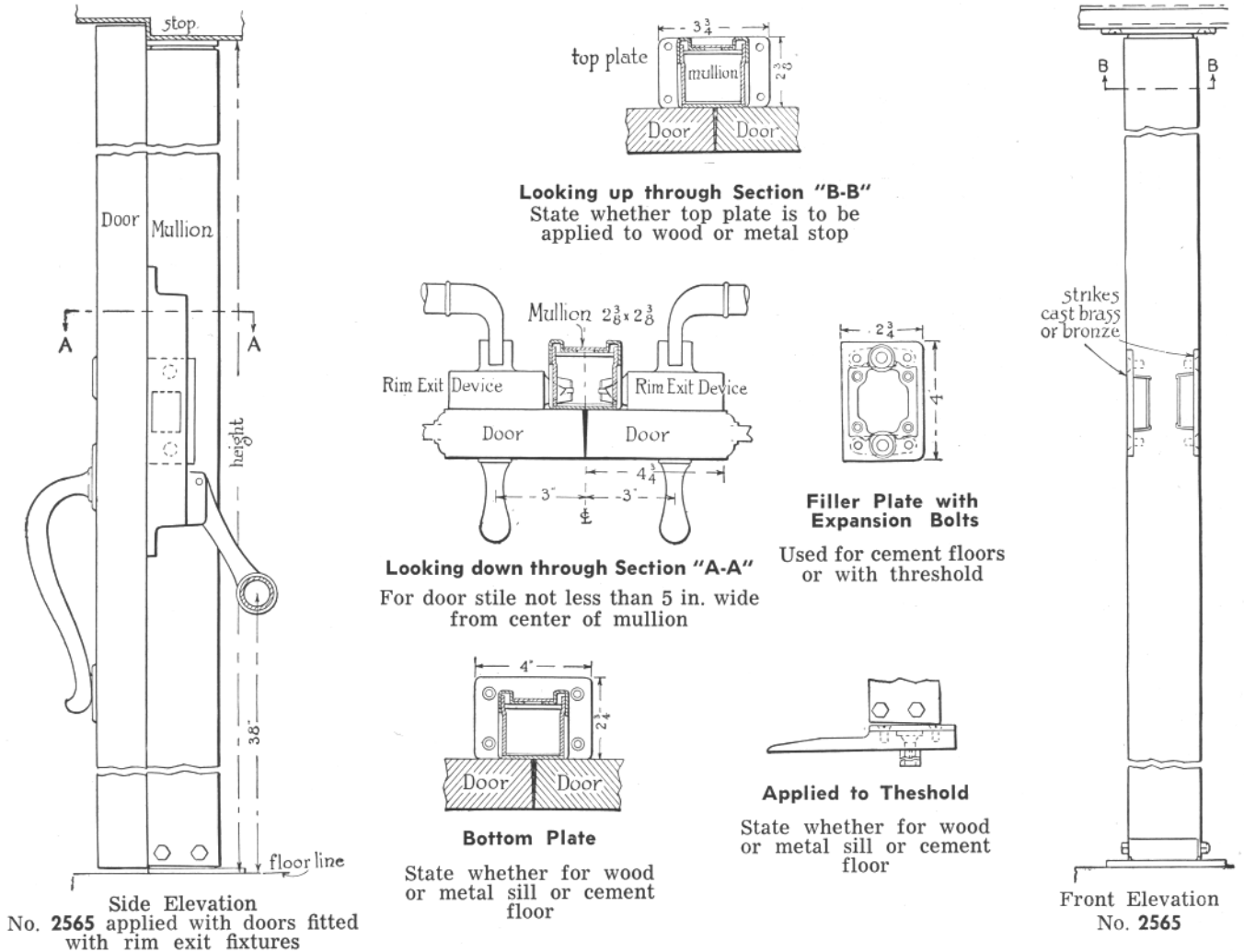
Specify number and finish. See pages 1 and 2.



Removable Steel Mullion

101
Rev. 6-1-57

Used to Adapt a Double Door Opening to Two Single Door Rim Exit Fixtures.
Easily and Quickly Removed when a Full Double Door Opening is Desired.



For use only with rim type exit fixtures, all numbers.

No.	Mullion, Size Inches	Material and Finish Mullion, Top and Bottom Plates	Strikes	Top Plate, Size Inches	Bottom Plate, Size Inches
2565	2 3/8 x 2 3/8	Wrought Steel Prime Coat	Cast Brass or Bronze	2 3/8 x 3 3/4	2 3/4 x 4

Mullions are regularly furnished cut and reinforced to receive the No. 674 Universal Adjustable Strike which is packed with the rim exit fixtures.

Regularly furnished stock size for doors 7 ft. 6 in. high which can be cut down at top, on the job, for door under 7 ft. 6 in. in height. Can be furnished 10 ft. high, to order.

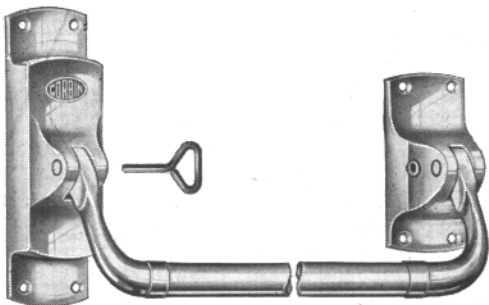


Automatic Exit Fixtures

HEAVY DUTY EXIT PUSH BARS WITH ROTARY ACTION AND MORTISE LOCKS

CAST BRASS, BRONZE OR ALUMINUM

*NOT REVERSIBLE

**126, 126NT, 127, 129**

Left Hand Reverse Bevel shown
 126½ and 127½ same except
 that case is cut for inside
 cylinder

Cases Heavy castings
 Active case 8½ x 2¼ in.
 Supporting case 5¼ x 2¼ in.

Arm Levers Drop forged with oilite bearings.

Horizontal Bar 1 in. seamless tubing.

Bars are secured to lever arms with socket type set screws covered by collar. See page 117.

Horizontal bars can also be furnished stainless steel or white bronze, to order. Bars can be furnished with steel reinforcing, to order. Affix **RC** to Number, thus: **126RC**.

Minimum width of stile 4½ in.

Inside Operation

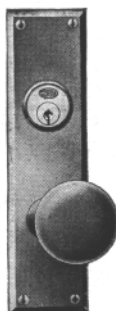
The lock is operated from the inside at all times by a slight push or pull on the double acting horizontal bar affording immediate exit.

Dogging Devices

In both cases to lock horizontal bar in depressed position by means of dogging key holding latch bolt of lock in retracted position.

OUTSIDE TRIM

75385
 Outside Trim
 For Sets
 126, 126½



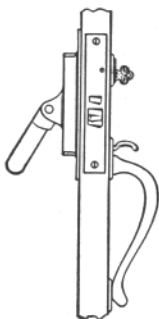
1519½ x 74130
 Outside Trim
 For Sets
 127, 127½



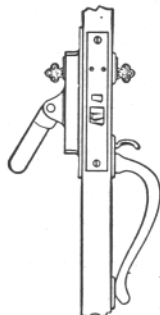
75385NT
 Outside Trim
 For Set
 126NT

For optional outside trim see page 114.

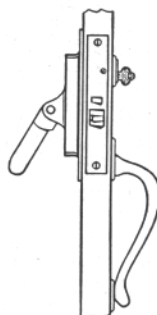
FOR DOORS USED FOR ENTRANCE AND EXIT



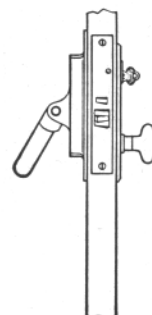
126



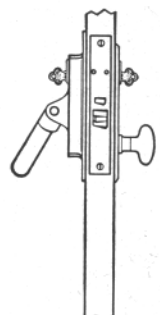
126 1/2



126NT



127



127 1/2

FOR SINGLE DOORS

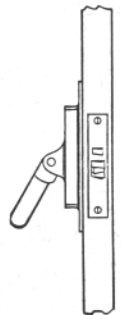
Also used on active leaf of pair of doors
See pages 106, 107

OPERATION OF OUTSIDE TRIM AND LOCKING MECHANISM

- No. 126 latch bolt operated by key or thumb piece outside except when thumb piece is locked by key. Latch bolt held retracted by pushing in by finger or retracting by horizontal bar and turning key towards back of lock while in this position.
- No. 126 1/2 latch bolt operated by key or thumb piece from outside except when thumb piece is locked by master key from inside.
- No. 126NT latch bolt operated by key only from outside. Latch bolt held retracted by pushing in by finger or retracting by horizontal bar and turning key towards back of lock while in this position.

- No. 127 latch bolt operated by key or knob outside, except when knob is locked by key. Latch bolt held retracted by pushing in by finger or retracting by horizontal bar and turning key towards back of lock while in this position.
- No. 127 1/2 latch bolt operated by key or knob outside except when knob is locked by master key from inside.
- No. 129 No outside trim or operation.

For Doors
Used For
Exit Only



129

*Not reversible

No.	LOCK			OUTSIDE TRIM			Approx. Weight Each
	No.	Cyls.	See Page	Cast Brass, Bronze or Aluminum			
126 126½	5785	1	170	Handle	Cyl. Collar		
	5784	2	170	75385 (8¾ x 2¼ in.) 75385 (8¾ x 2¼ in.)	75314 (2¼ x 2¼ in.) 75314 (2¼ x 2¼ in.)	12 lbs. 12 lbs.	
126NT	5785	1	170	Pull			
				75385NT (8¾ x 2¼ in.)	75314 (2¼ x 2¼ in.)	12 lbs.	
127 127½	5585	1	170	Knob	Escutcheon		
	5584	2	170	1519½ (2¼ in. dia.) 1519½ (2¼ in. dia.)	74130 (8 x 2½ in.) 74130 (8 x 2½ in.)	11 lbs. 11 lbs.	
129	180	None	168	No Outside Trim			
				10 lbs.			

Stock Size: Can be furnished stock size for doors 3 feet 6 inches wide. Can be fitted to doors under 3 feet 6 inches wide by cutting down horizontal bar to correct size before applying. In ordering affix **S** to number, thus: **126S**.

Unpolished: Brass Exit Fixtures can be furnished unpolished in **TL** (Sprayed Brass Lacquer) **AL** (Aluminum Bronze) or **TKF** (Dead Black Lacquer) only. In ordering specify finish for outside trim; example **EAXTL126**.

Packed with screws. Can be furnished with sex bolts to fasten through door, when so ordered.

*In ordering specify hand and thickness of door, width of door, etc. For instructions for ordering, see page 97.

Specify number and finish. See pages 1 and 2.



104

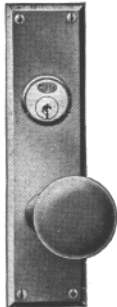
Rev. 6-1-57

Automatic Exit Fixtures

HEAVY DUTY EXIT BOLTS WITH ROTARY ACTION
CAST BRASS, BRONZE OR ALUMINUM

*Not Reversible

OUTSIDE TRIM



124, 125

134, 135

For Doors Used for
Entrance and Exit

134, 135 124, 125

For Doors
Used For
Exit Only

120

Also used on inactive
leaf of pair of doors
See pages 106, 107

Case: Heavy castings.
Active case $8\frac{3}{8}$ x $2\frac{1}{4}$ in.
Supporting case $5\frac{1}{4}$ x $2\frac{1}{4}$ in.
Top and bottom cases 4 x $2\frac{1}{8}$ in.

Arm Levers: Drop forged with oilite bearings.

†Horizontal Bar: 1 in. seamless tubing.

Vertical Bar: $\frac{1}{2}$ in. seamless tubing.

Latches: Top and bottom latches heavy cast swinging type. Bottom latch has independent action allowing top latch to remain engaged in strike even when bottom latch is forced out of strike or when bottom strike is obstructed.

Minimum width of stile $3\frac{1}{2}$ in.

Inside Operation

Bolts operated from the inside at all times by a slight push or pull on double acting horizontal bar affording immediate exit.

Top and bottom bolts are held retracted while door remains open. Closing door automatically releases bolts to lock door.

Dogging device in both cases lock horizontal bar in depressed position by means of dogging key holding both top and bottom bolts in retracted position.

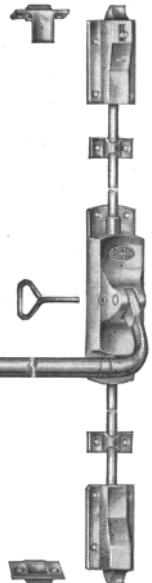
Outside Operation

No. 125 operated by knob from outside except when knob is locked by key.

No. 124 same as No. 125 except that knob is automatically locked when key is removed.

No. 135 operated by T Handle from outside except when T Handle is locked by key.

No. 134 same as No. 135 except that T Handle is automatically locked when key is removed.



120

Type of
124, 125
134, 135

FOR SINGLE DOORS

No.	OUTSIDE TRIM Cast Brass, Bronze or Aluminum	Approx. Weight Each
120	For exit only. No outside trim.	22 lbs.
124	Knob 1519 $\frac{1}{2}$ ($2\frac{3}{4}$ in. dia.). Escutcheon 74130 (8 x $2\frac{1}{2}$ in.)	23 lbs.
125	Knob 1519 $\frac{1}{2}$ ($2\frac{3}{4}$ in. dia.). Escutcheon 74130 (8 x $2\frac{1}{2}$ in.)	23 lbs.
134	Pull with T Handle 40288 (13 x $1\frac{1}{2}$ in.). Collar 40213 ($2\frac{1}{4}$ x $1\frac{1}{2}$ in.)	24 lbs.
135	Pull with T Handle 40288 (13 x $1\frac{1}{2}$ in.). Collar 40213 ($2\frac{1}{4}$ x $1\frac{1}{2}$ in.)	24 lbs.

FOR PAIRS OF DOORS

No.	OUTSIDE TRIM FOR ACTIVE DOOR Cast Brass, Bronze or Aluminum	Approx. Weight Per Set
120x120	For exit only. No outside trim.	40 lbs.
120x124	Knob 1519 $\frac{1}{2}$ ($2\frac{3}{4}$ in. dia.). Escutcheon 74130 (8 x $2\frac{1}{2}$ in.)	41 lbs.
120x125	Knob 1519 $\frac{1}{2}$ ($2\frac{3}{4}$ in. dia.). Escutcheon 74130 (8 x $2\frac{1}{2}$ in.)	41 lbs.
120x134	Pull with T Handle 40288 (13 x $1\frac{1}{2}$ in.). Collar 40213 ($2\frac{1}{4}$ x $1\frac{1}{2}$ in.)	42 lbs.
120x135	Pull with T Handle 40288 (13 x $1\frac{1}{2}$ in.). Collar 40213 ($2\frac{1}{4}$ x $1\frac{1}{2}$ in.)	42 lbs.

Stock Size: Can be furnished stock size for doors 7 feet 6 inches high x 3 feet 6 inches wide. Can be fitted to doors under 7 feet 6 inches high x 3 feet 6 inches wide by cutting down vertical rod and horizontal bar to the required size before applying. In ordering affix S to number, thus: 120x125S.

Unpolished: Brass Exit Fixtures can be furnished unpolished in TL (Sprayed Brass Lacquer) AL (Aluminum Bronze) or TKF (Dead Black Lacquer) only. In ordering specify finish for outside trim; example EAXTL120x125.

Packed with screws. Can be furnished with sex bolts to fasten through door, when so ordered.

*State hand and thickness of door, height of door, width of door, etc. For instructions for ordering, see page 97.

†Horizontal bar can be furnished stainless steel or white bronze, to order.

Horizontal bar can be furnished reinforced with steel tubing. To order affix RC to number, thus 120RC.

Specify number and finish. See pages 1 and 2.



Automatic Exit Fixtures

105

Rev. 6-1-57

HEAVY DUTY EXIT BOLTS WITH ROTARY ACTION AND FREE LATCHING TOP AND BOTTOM BOLTS

CAST BRASS, BRONZE OR ALUMINUM

*Not Reversible

The use of threshold is required with these bolts so that bottom latch will not drag on floor when door is open.

Cases: Heavy castings.

Active case 8 $\frac{3}{4}$ x 2 $\frac{1}{4}$ in.

Supporting case 5 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.

Top and bottom cases 4 x 2 $\frac{1}{2}$ in.

†Horizontal Bar: 1 in. seamless tubing.

Arm Levers: Drop forged with oilite bearings.

Vertical Rod: $\frac{1}{2}$ in. seamless tubing.

Latches: Top and bottom latches heavy cast swinging type, free acting.

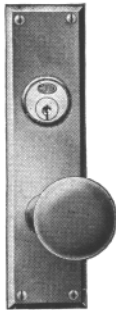
Bottom latch has independent action allowing top latch to remain engaged in strike even when bottom latch is forced out of strike or when bottom strike is obstructed.



OUTSIDE TRIM



138



128

For Doors Used for Entrance and Exit

For Doors Used For Exit Only



131, 138



121, 128



122

Minimum width of stile 3 $\frac{1}{2}$ in.

Inside Operation

Bolts operated from the inside at all times by a slight push or pull on double acting horizontal bar affording immediate exit.

Latch bolts remain projected when door is open unless they are secured in retracted position by locking horizontal bar in depressed position by means of dogging key operating devices in both end cases.

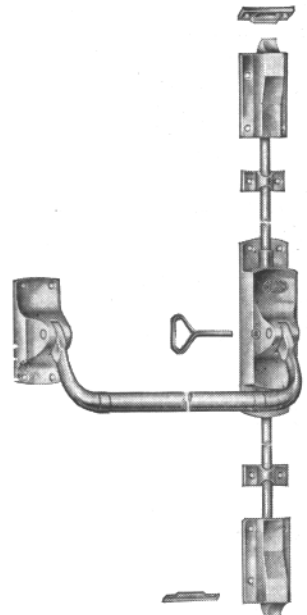
Dogging device in both cases lock horizontal bar in depressed position by means of dogging key holding both top and bottom bolts in retracted position.

Outside Operation

No. 128 operated by knob from outside except when knob is locked by key. No. 121 same as 128 except that knob is automatically locked when key is removed.

No. 138 operated by T Handle from outside except when T Handle is locked by key.

No. 131 same as 138 except that T Handle is automatically locked when key is removed.



122

Type of 128 and 138

FOR SINGLE DOORS

No.	Cyl.	OUTSIDE TRIM Cast Brass, Bronze or Aluminum	Approximate Weight Each
121		For exit only. No outside trim.	22 lbs.
122	251	Knob 1519 $\frac{1}{2}$ (2 $\frac{1}{4}$ in. dia.). Escutcheon 74130 (8 x 2 $\frac{1}{2}$ in.)	23 lbs.
128	251	Knob 1519 $\frac{1}{2}$ (2 $\frac{1}{4}$ in. diam.) Escutcheon 74130 (8 x 2 $\frac{1}{2}$ in.)	23 lbs.
131	251	Pull x T Handle 40288 (13 x 1 $\frac{1}{2}$ in.) Collar 40213 (2 $\frac{1}{4}$ x 1 $\frac{1}{2}$ in.)	24 lbs.
138	251	Pull x T Handle 40288 (13 x 1 $\frac{1}{2}$ in.) Collar 40213 (2 $\frac{1}{4}$ x 1 $\frac{1}{2}$ in.)	24 lbs.

FOR PAIRS OF DOORS

No.	Cyl.	OUTSIDE TRIM FOR ACTIVE DOOR Cast Brass, Bronze or Aluminum	Approx. Weight Per Set
122 x 122		For exit only. No outside trim.	40 lbs.
122 x 128	251	Knob 1519 $\frac{1}{2}$ (2 $\frac{1}{4}$ in. dia.). Escutcheon 74130 (8 x 2 $\frac{1}{2}$ in.)	41 lbs.
122 x 138	251	Pull x T Handle 40288 (13 x 1 $\frac{1}{2}$ in.) Collar 40213 (2 $\frac{1}{4}$ x 1 $\frac{1}{2}$ in.)	42 lbs.

Stock Size: Can be furnished stock size for doors 7 feet 6 inches high x 3 feet 6 inches wide. Can be fitted to doors under 7 feet 6 inches high x 3 feet 6 inches wide by cutting down vertical rod and horizontal bar to the required size before applying. In ordering affix S to number, thus: 122x128S.

Unpolished: Brass Exit Fixtures can be furnished unpolished in TL (Sprayed Brass Lacquer) AL (Aluminum Bronze) or TKF (Dead Black Lacquer) only. In ordering specify finish for outside trim; example EAxTL 122x128.

Packed with screws. Can be furnished with sex bolts to fasten through door, when so ordered.

*State hand and thickness of door, height of door, width of door, etc. For instructions for ordering, see page 97.

†Horizontal bar can be furnished stainless steel or white bronze to order.

Horizontal bar can be furnished reinforced with steel tubing. To order affix RC to number, thus 122RC.

Specify number and finish. See pages 1 and 2.



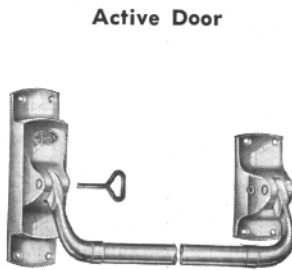
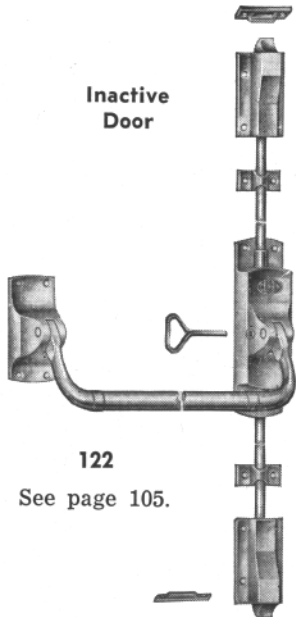
106

Rev. 6-1-57

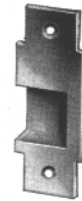
Automatic Exit Fixtures

HEAVY DUTY EXIT BOLTS WITH ROTARY ACTION — SETS FOR PAIRS OF DOORS WITH THRESHOLD
CAST BRASS, BRONZE OR ALUMINUM

*Not Reversible



126, 126NT, 127, 129
126½, 127½ same but
with active case cut
for inside cylinder
See page 102.



Open back strikes furnished
with all locks for pairs
of doors, allowing doors to
open or close independently
of each other.

Inactive Door



Bolt
No. 120

Inside Operation

Either door operated from the inside at all times by a slight push or pull on double acting horizontal bar affording immediate exit.

Top and bottom bolts are free latching. The use of our threshold No. 2584 (see page 118) will eliminate the need for bottom strike.

Bolt No. 120 can be substituted in place of No. 122 for doors without threshold, so that top and bottom bolts will be held back when door is open and bottom bolt will not drag on floor.

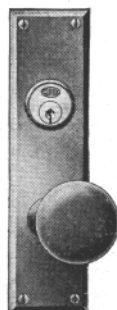
Dogging device in both cases lock horizontal bar in depressed position by means of dogging key holding bolts in retracted position.

Minimum width of style 4½ in.

OUTSIDE TRIM FOR ACTIVE DOORS



75385
Outside Trim
For Sets
126, 126½



1519½ x 74130
Outside Trim
For Sets
127, 127½



75385NT
Outside Trim
For Set
126NT

For optional outside trim. See page 114.

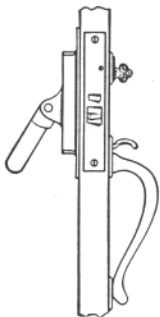


Automatic Exit Fixtures

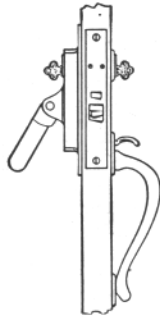
ACTIVE DOORS USED FOR ENTRANCE OR EXIT

107

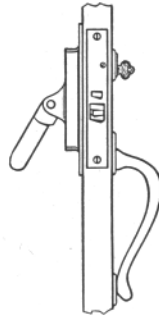
Rev. 6-1-57



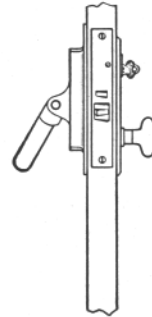
126



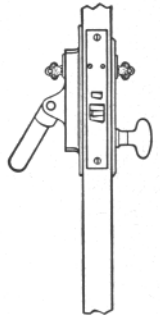
126 1/2



126NT



127



127 1/2

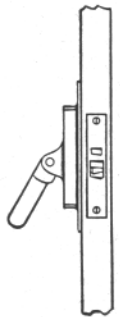
OPERATION OF OUTSIDE TRIM AND LOCKING MECHANISM FOR ACTIVE DOORS

- No. **126** latch bolt operated by key or thumb piece outside except when thumb piece is locked by key. Latch bolt held retracted by pushing in by finger or retracting by horizontal bar and turning key towards back of lock while in this position.
- No. **126 1/2** latch bolt operated by key or thumb piece from outside except when thumb piece is locked by master key from inside.
- No. **126NT** latch bolt operated by key only from outside. Latch bolt held retracted by pushing in by finger or retracting by horizontal bar and turning key towards back of lock while in this position.

- No. **127** latch bolt operated by key or knob outside, except when knob is locked by key. Latch bolt held retracted by pushing in by finger or retracting by horizontal bar and turning key towards back of lock while in this position.
- No. **127 1/2** latch bolt operated by key or knob outside, except when knob is locked by master key from inside.

No. **129** No outside trim or operation.

Active Door
Used For
Exit Only



129

SETS FOR PAIRS OF DOORS WITH THRESHOLD

No.	LOCK			OUTSIDE TRIM FOR ACTIVE DOOR Cast Brass, Bronze or Aluminum		Approx. Weight Per Set
	No.	Cyls.	See Page			
122 x 126	5785 x 606	1	170	Handle	Collar	34 lbs.
122 x 126 1/2	5784 x 606	2	170	75385 (8 3/4 x 2 1/4 in.)	75314 (2 1/4 x 2 1/4 in.)	34 lbs.
				75385 (8 3/4 x 2 1/4 in.)	75314 (2 1/4 x 2 1/4 in.)	
122 x 126NT	5785 x 606	1	170	Pull		34 lbs.
				75385NT (8 3/4 x 2 1/4 in.)	75314 (2 1/4 x 2 1/4 in.)	
122 x 127	5585 x 606	1	170	Knobs	Escutcheon	33 lbs.
122 x 127 1/2	5584 x 606	2	170	1519 1/2 (2 1/4 in. dia.)	74130 (8 x 2 1/2 in.)	33 lbs.
122 x 129	180 x 607	None	168	1519 1/2 (2 1/4 in. dia.)	74130 (8 x 2 1/2 in.)	30 lbs.
				For Exit Only	No Outside Trim	

Stock Size: Can be furnished stock size for doors 7 feet 6 inches high by 3 feet 6 inches wide. Can be fitted to doors under 7 feet 6 inches by 3 feet 6 inches by cutting down vertical rod and horizontal bars to required size before applying. In ordering affix **S** to number, thus: **122 x 126S**.

Unpolished: Brass Exit Fixtures can be furnished unpolished in **TL** (Sprayed Brass Lacquer) **AL** (Aluminum Bronze) or **TKF** (Dead Black Lacquer) only. Specify finish for outside trim: example **EAXTL122 x 126**.

Packed with screws. Can be furnished with sex bolts to fasten through door when so ordered.

*State hand and thickness of door, height of door, width of door, etc. For instructions for ordering, see page 97.

Specify number and finish. See pages 1 and 2.

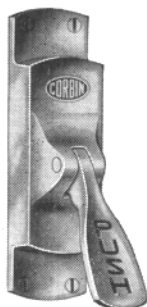


Automatic Exit Fixtures

HEAVY DUTY PUSH LEVER TYPE WITH ROTARY ACTION

CAST BRASS, BRONZE OR ALUMINUM

*Not Reversible



Cases: Heavy castings 8 $\frac{5}{8}$ x 2 $\frac{1}{4}$ in.

Push Lever: Heavy casting with oilite bearing.

Operation: The lock is operated from the inside at all times by a slight push or pull on the double acting push lever affording immediate exit.

Dogging Devices: In case to lock push lever in depressed position by means of dogging key holding latch bolt of lock in retracted position.

Minimum width of stile 4 $\frac{1}{2}$ in.

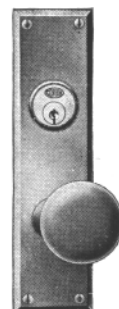
For Doors Used for Entrance and Exit



75385

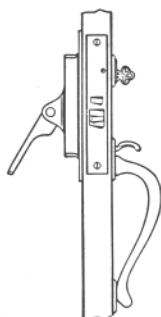
For sets 146 and 146 $\frac{1}{2}$

OUTSIDE TRIM

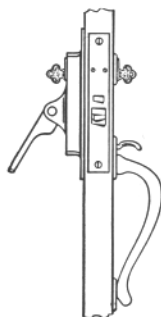


1519 $\frac{1}{2}$ x 74130
For sets 147 and 147 $\frac{1}{2}$

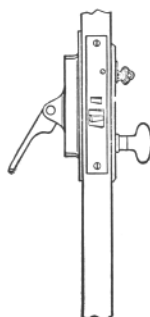
146, 147, 149
146 $\frac{1}{2}$ and 147 $\frac{1}{2}$ same except that case is cut for inside cylinder.



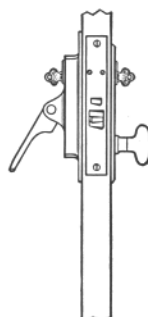
146



146 $\frac{1}{2}$



147



147 $\frac{1}{2}$

No. 146 latch bolt operated by key or thumb piece outside except when thumb piece is locked by key. Latch bolt held retracted by pushing in by finger or retracting by horizontal bar and turning key towards back of lock while in this position.

No. 146 $\frac{1}{2}$ latch bolt operated by key or thumb piece from outside except when thumb piece is locked by master key from inside.

No. 147 latch bolt operated by key or knob outside, except when knob is locked by key. Latch bolt held retracted by pushing in by finger or retracting by horizontal bar and turning key towards back of lock while in this position.

No. 147 $\frac{1}{2}$ latch bolt operated by key or knob outside, except when knob is locked by master key from inside.

No. 149 No outside trim or operation.

For Doors
Used For
Exit Only



149

Sets for single doors used for entrance or exit and for active leaf of pair of doors.

No.	LOCK			OUTSIDE TRIM		Approx. Weight Each
	No.	Cyls.	See Page	Cast Brass, Bronze or Aluminum		
146	5785	1	170	Handle	Cyl. Collar	
146½	5784	2	170	75385 (8¾ x 2¼ in.)	75314 (2¼ x 2¼ in.)	9 lbs.
				75385 (8¾ x 2¼ in.)	75314 (2¼ x 2¼ in.)	9 lbs.
				Knob	Escutcheon	
147	5585	1	170	1519½ (2¼ in. dia.)	74130 (8 x 2½ in.)	8 lbs.
147½	5584	2	170	1519½ (2¼ in. dia.)	74130 (8 x 2½ in.)	8 lbs.
149	180	None	168	For exit only. No outside Trim.		7 lbs.

Unpolished: Brass Exit Fixtures can be furnished unpolished in TL (Sprayed Brass Lacquer) AL (Aluminum Bronze) or TKF (Dead Black Lacquer) only. Specify finish for outside trim, example: **EALTL146**.

When ordered in sets for pairs of doors (as 140x146), lock for active door will be furnished with open back strike allowing doors to open or close independently of each other.

Packed with screws. Can be furnished with sex bolts to fasten through door, when so ordered.

*State hand and thickness of door. For instructions for ordering, see page 97.

Specify number and finish. See pages 1 and 2.



Automatic Exit Fixtures

HEAVY DUTY PUSH LEVER TYPE BOLTS WITH ROTARY ACTION

CAST BRASS, BRONZE OR ALUMINUM

109

Rev. 6-1-57



140



142

No. 140

Inside Operation

Bolts operated from the inside at all times by a slight push or pull on double acting push lever affording immediate exit.

Top and bottom bolts are held retracted while door remains open. Closing door automatically releases bolts to lock door.

Dogging device in both cases lock push lever in depressed position by means of dogging key holding both top and bottom bolts in retracted position.

Case: Heavy castings.

Active case $8\frac{5}{8}$ x $2\frac{1}{4}$ in.

Top and bottom cases 4 x $2\frac{1}{8}$ in.

Push Lever: Heavy casting with oilite bearing.

Vertical Bar: $\frac{1}{2}$ in. seamless tubing.

Latches: Top and bottom latches heavy swinging type.

Bottom latch has independent action allowing top latch to remain engaged in strike even when bottom latch is forced out of strike or when bottom strike is obstructed.

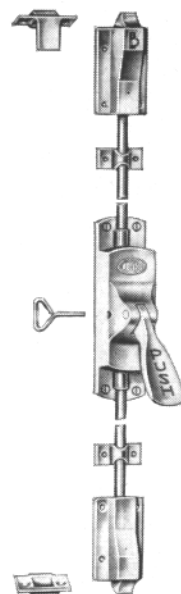
Minimum width of stile $3\frac{1}{2}$ in.

No. 142

Inside Operation

Bolts operated from the inside at all times by a slight push or pull on double acting push lever affording immediate exit.

Latch bolts remain projected when door is open unless they are secured in retracted position by locking push lever in depressed position by means of dogging key operating devices in both end cases.



140

142 same but with free-acting top and bottom bolts and top and bottom strikes like No. 122, page 105

Vertical bolts for doors used for exit only and for inactive leaf of pair of doors.

No.	Description	Approx. Weight Each
140	For exit only. No outside trim.	18 lbs.
142	For exit only. No outside trim—Free acting latches.	18 lbs.

Stock Size: Can be furnished stock size for doors 7 feet 6 inches high. Can be fitted to doors under 7 feet 6 inches by cutting down vertical rod to required size before applying. In ordering affix **S** to number, thus: **140S**.

Unpolished: Brass Exit Fixtures can be furnished unpolished in **TL** (Sprayed Brass Lacquer) **AL** (Aluminum Bronze) or **TKF** (Dead Black Lacquer) only. Specify finish for outside trim, example: **EAXTL 140**.

Packed with screws. Can be furnished with sex bolts to fasten through door, when so ordered.

State height of door, etc. For instructions for ordering, see page 97.

Specify number and finish. See pages 1 and 2.



110

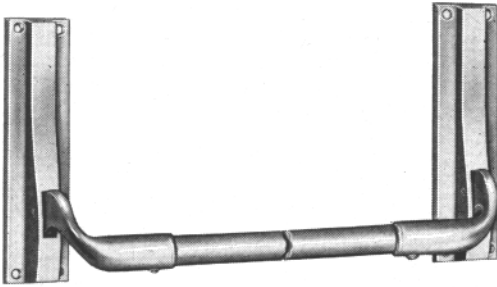
Rev. 6-1-57

Automatic Exit Fixtures

EXIT PUSH BARS WITH MORTISE LOCKS

CAST BRASS OR BRONZE, POLISHED

OUTSIDE TRIM



76, 77, 76¾, 77¾, 78, 79
Left Hand Reverse Bevel Shown
76½, 77½ same except that case
is cut for inside cylinder.

FOR SINGLE DOORS

Also used on Active Leaf
of Pair of Doors
See page 112

Cases..... Active case
8½x2½ in.
Supporting case
8½x2½ in.

†Horizontal Bar... 1 in. dia. seamless
tubing.

*Dogging Devices. In cases to lock
cross bar in de-
pressed position.

Minimum Width of Stile 4½ in.



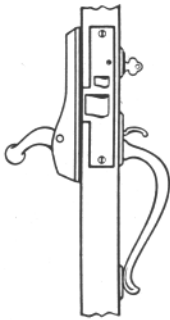
75385 Outside Trim
For Sets
76, 77, 76½, 77½
75385NT Outside Trim
For Sets
76¾, 77¾

OPERATION

A slight pressure on horizontal bar releases door instantly

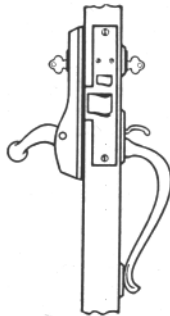
FOR ENTRANCE AND EXIT

EXIT ONLY



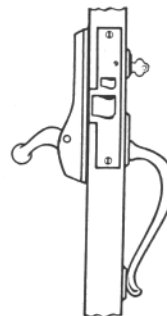
76, 77

By thumb piece of handle
from outside except when it
is locked by key in outside
cylinder. Key will also set
mechanism so that first time
latch bolt is operated from
either inside or outside it
will remain locked in re-
tracted position allowing
door to be operated on a
push and pull basis.



76½, 77½

Latch bolt retracted by key or
thumb piece from outside at all
times except when thumb piece
locked by key from inside then by
key only from outside. Inside cyl-
inder can also set mechanism so
that first time latch bolt is operated
from either inside or outside it
will remain locked in retracted
position allowing door to be oper-
ated on a push and pull basis.



76¾, 77¾

Latch bolt by key only
from outside. Latch bolt
of 76¾ can be held re-
tracted by means of dog-
ging key with handle act-
ing as pull only.



78, 79

No trim or operation
from outside. Latch
bolt of 78 can be held
retracted by means of
dogging key.

†Not Reversible

No.	LOCK			OUTSIDE TRIM				Approx. Weight Each
	No.	Cyls.	See Page	Cast Brass or Bronze				
*76	5683	1	169	Handle 75385 (8¼x2¼ in.)	Cyl. Collar 75314 (2¼x2¼ in.)		12 lbs.	
77	5683	1	169	Handle 75385 (8¼x2¼ in.)	Cyl. Collar 75314 (2¼x2¼ in.)		12 lbs.	
*76½	5683½	2	169	Handle 75385 (8¼x2¼ in.)	Cyl. Collar 75314 (2¼x2¼ in.)		12 lbs.	
77½	5683½	2	169	Handle 75385 (8¼x2¼ in.)	Cyl. Collar 75314 (2¼x2¼ in.)		12 lbs.	
*76¾	5683¾	1	169	Handle 75385NT (8¼x2¼ in.)	Cyl. Collar 75314 (2¼x2¼ in.)		12 lbs.	
77¾	5683¾	1	169	Handle 75385NT (8¼x2¼ in.)	Cyl. Collar 75314 (2¼x2¼ in.)		12 lbs.	
*78	185	None	168		None		9 lbs.	
79	185	None	168		None		9 lbs.	

Stock Size: Can be furnished stock size for doors 3 feet 6 inches wide. Can be fitted to doors under 3 feet 6 inches wide by cutting down horizontal bar to correct size before applying. In ordering affix "S" to number, thus: **76S**.

Packed with screws. Can be furnished with sex bolts to fasten through door, when so ordered.

†In ordering specify hand and thickness of door, width of door etc. For instructions for ordering, see page 97.

‡Horizontal bar can be furnished stainless steel. To order affix **BSS** to number, thus: **76BSS**.

Specify number and finish. See pages 1 and 2.



Automatic Exit Fixtures

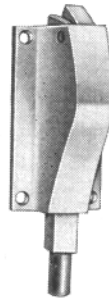
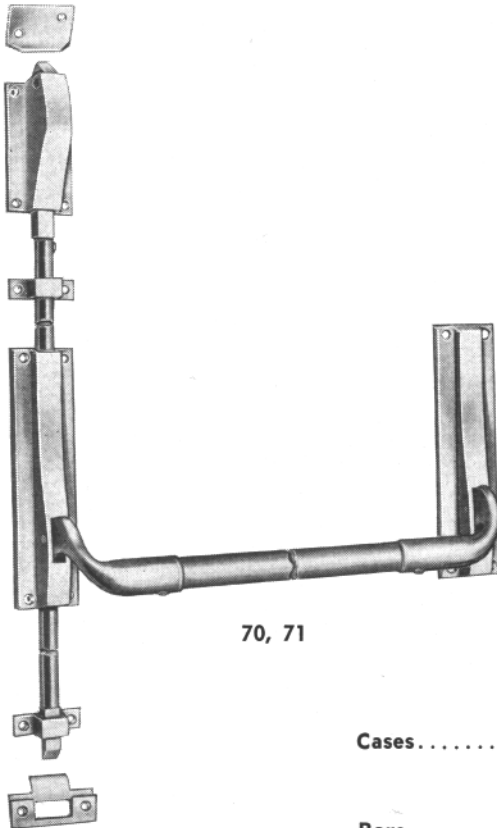
FOR SINGLE EXIT DOORS OR STANDING LEAF OF DOUBLE DOORS

CAST BRASS OR BRONZE, POLISHED

FOR DOORS USED FOR EXIT ONLY

111

Rev. 6-1-57



Can be furnished with top case which holds both top and bottom bolts retracted while door remains open and automatically releases them when door closes. To order, affix **H** to number; i.e. **71H**.

- Cases**..... Active case $8\frac{1}{2} \times 2\frac{1}{8}$ in.
Supporting case $8\frac{1}{2} \times 2\frac{1}{8}$ in.
Top case $4\frac{1}{4} \times 2\frac{3}{16}$ in.
- Bars**..... Horizontal bar 1 in. dia.
Horizontal bar can be furnished stainless steel, to order.
Vertical bars $\frac{1}{2}$ in. dia.
Seamless tubing.

***Dogging Devices**..... In cases to lock cross bar in depressed position.

Minimum width of stile $3\frac{1}{2}$ in.

Operation—A slight pressure on horizontal bar automatically retracts top and bottom bolts instantly releasing the door from inside.

†Not Reversible

No.	Description		Approx. Weight Each
*70	For Exit Only	No Outside Trim	11 lbs.
71	For Exit Only	No Outside Trim	11 lbs.

Stock Size: Can be furnished stock size for doors 7 feet 6 inches high x 3 feet 6 inches wide. Can be fitted to doors under 7 feet 6 inches x 3 feet 6 inches wide by cutting down vertical rod and horizontal bar to required size before applying. In ordering affix "**S**" to number, thus: **70S**.

Packed with screws. Can be furnished with sex bolts to fasten through door, when so ordered.

†State hand, height and width of door, etc. For instructions for ordering, see page 97.

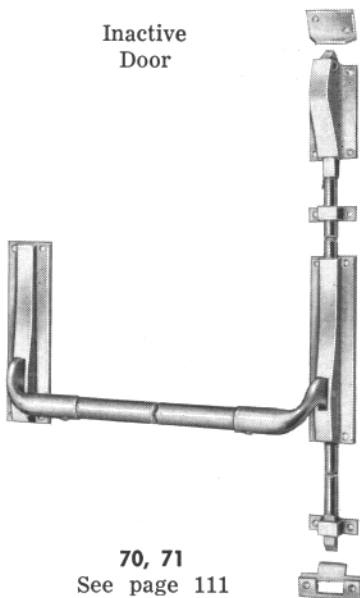
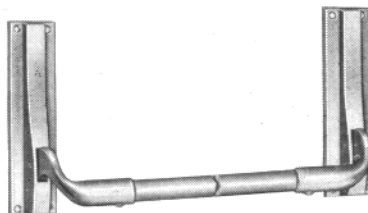
Specify number and finish. See pages 1 and 2.



112

Rev. 6-1-57

Automatic Exit Fixtures

FOR PAIRS OF DOORS
CAST BRASS OR BRONZE, POLISHEDInactive
Door70, 71
See page 111Active
Door76, 77, 76½, 77½
76¾, 77¾, 78, 79
See page 110Inactive
Door

Open back strike furnished with all locks for pairs of doors, allows doors to open or close independently of each other.

Minimum width of stile 4½ in.

OUTSIDE TRIM FOR ACTIVE DOOR

75385



75385NT

Operation

70, 71	See page 111
76, 77	See page 110
76½, 77½	See page 110
76¾, 77¾	See page 110
78, 79	See page 110

A slight pressure on horizontal bar releases door instantly.

SETS FOR PAIRS OF DOORS

†Not reversible

No.	LOCK			OUTSIDE TRIM FOR ACTIVE DOOR Cast Brass or Bronze		Approx. Weight Per Set
	No.	Cyls.	See page			
70 x 76	5683	1	169	Handle 75385 (8¾x2¼ in.)	Cyl. Collar 75314 (2¼x2¼ in.)	23 lbs.
71 x 77	5683	1	169	Handle 75385 (8¾x2¼ in.)	Cyl. Collar 75314 (2¼x2¼ in.)	23 lbs.
70 x 76½	5683½	2	169	Handle 75385 (8¾x2¼ in.)	Cyl. Collar 75314 (2¼x2¼ in.)	23 lbs.
71 x 77½	5683½	2	169	Handle 75385 (8¾x2¼ in.)	Cyl. Collar 75314 (2¼x2¼ in.)	23 lbs.
70 x 76¾	5683¾	1	169	Handle 75385NT (8¾x2¼ in.)	Cyl. Collar 75314 (2¼x2¼ in.)	23 lbs.
71 x 77¾	5683¾	1	169	Handle 75385NT (8¾x2¼ in.)	Cyl. Collar 75314 (2¼x2¼ in.)	23 lbs.
70 x 78	185	None	168		None	20 lbs.
71 x 79	185	None	168		None	20 lbs.

Stock Size: Can be furnished stock size for doors 7 feet 6 inches high x 3 feet 6 inches wide. Can be fitted to doors under 7 feet 6 inches high x 3 feet 6 inches wide by cutting down vertical rod and horizontal bar to required size before applying. In ordering affix "S" to number, thus: 70 x 76S.

Packed with screws. Can be furnished with sex bolts to fasten through door, when so ordered.

†State hand, height, width and thickness of doors, etc. For instructions for ordering, see page 97.

Specify number and finish. See pages 1 and 2.



Automatic Exit Fixtures

112A

FOR SINGLE DOORS USED FOR EXIT ONLY
GRAVITY LOCKING FOR DOORS OPENING OUT.

**REVERSIBLE FOR RIGHT HAND REVERSE BEVEL
OR LEFT HAND REVERSE BEVEL DOORS.**

MINIMUM WIDTH OF STILE 3 IN.

OPERATION

Both top and bottom bolts operated from inside at all times by slight pressure on cross bar at any point.

Top case is fitted with a device which holds both bolts retracted while the door remains open, preventing bottom bolt from dragging on floor.

Auxiliary latch in top case makes contact with top strike releasing bolts which are projected into strikes by gravity when door closes, locking door against operation from outside.

Doors cannot be operated from outside. No outside trim.

DIMENSIONS

Brackets	Rod End	2"	x 2 1/4"
	Outer End	2"	x 1 7/8"
Top Guide	1 1/8"	x 1 7/8"	
Bottom Guide	1 1/2"	x 1 7/8"	
Top Case	2 1/2"	x 2 1/8"	
Top Strike	2 1/4"	x 1 7/8"	
Bottom Strike	2 3/4"	x 1 1/4"	
Upper Rod	5/8"		
Lower Rod	1/2"		
Cross Bar	3/4"		

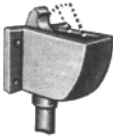
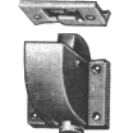
CAST IRON WITH STEEL TUBING AND RODS

Lever Arms Bronze. Guides, Strikes and Working Parts in Top Case are Brass or Bronze.

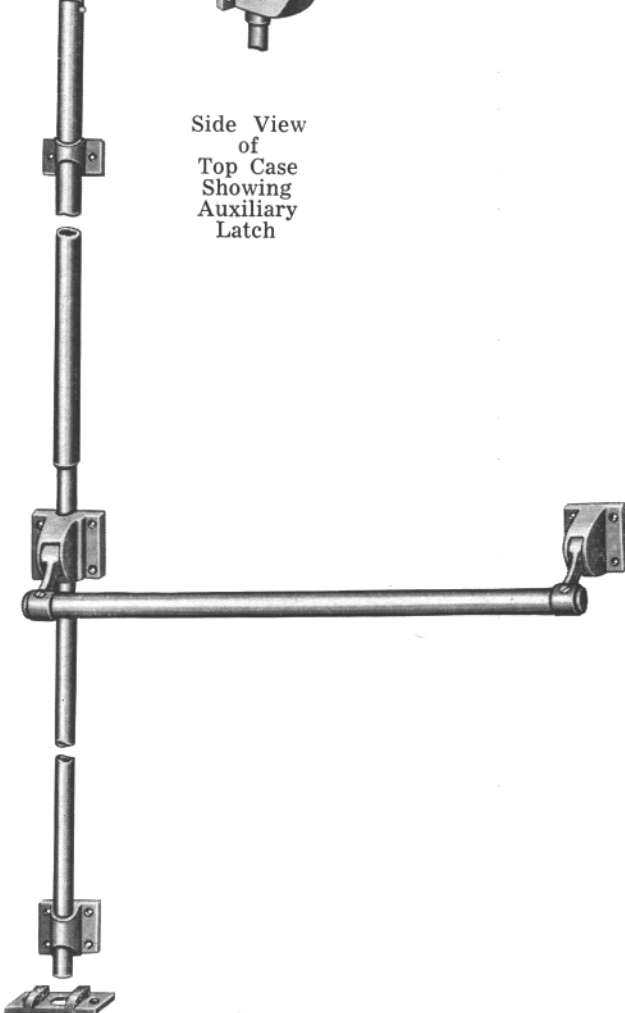
No.	Finish	Weight Each
J5087	Dead Black Jappanned	10 1/2 lbs.
5087	Plated Finishes	10 1/2 lbs.

One in a box, with screws and template for installing.

Angle Strike for
Standard 1/2" Stop



Side View
of
Top Case
Showing
Auxiliary
Latch



5087

Regularly furnished for doors 7'6" high and 3 ft. wide—Distance from floor to cross bar 38". Can be fitted on the job to doors under this size by cutting down top rod and cross bar to suit door before applying.

Can be furnished to order for doors larger than 7'6" x 3'.

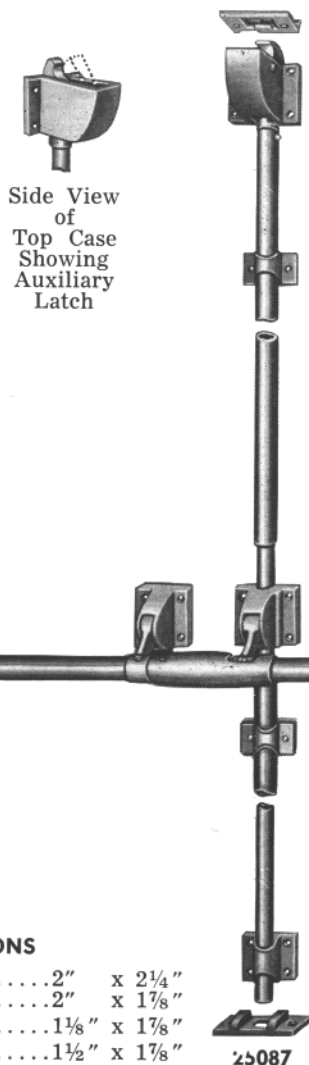
Specify number and finish. See pages 1 and 2.



112B

Automatic Exit Fixtures

FOR PAIRS OF DOORS USED FOR EXIT ONLY
GRAVITY LOCKING FOR DOORS OPENING OUT.



DIMENSIONS

Brackets	Rod End	.....2"	x 2 1/4"
	Outer End	.....2"	x 1 7/8"
Top Guide	.....	1 1/8"	x 1 7/8"
Bottom Guide	.....	1 1/2"	x 1 7/8"
Top Case	.....	2 1/2"	x 2 7/8"
Top Strike	.....	2 1/4"	x 1 7/8"
Bottom Strike	.....	2 3/4"	x 1 1/4"
Upper Rod	.....		5/8"
Lower Rod	.....		1/2"
Cross Bar	.....		3/4"

Regularly furnished for doors 7'6" high and 3 ft. wide—Distance floor to cross bar 38". Can be fitted on the job to doors under this size by cutting down top rod and cross bar to suit door before applying.

Can be furnished to order for doors larger than 7'6" x 3'.

FURNISHED ONLY FOR HAND OF DOORS AS ILLUSTRATED.

MINIMUM WIDTH OF STILE 3 IN.

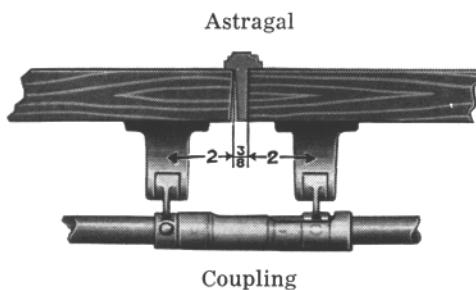
OPERATION

Both top and bottom bolts operated from inside at all times by slight pressure on cross bar at any point on either door.

Top case is fitted with a device which holds both top and bottom bolts retracted while the door remains open, preventing bottom bolt from dragging on the floor.

Auxiliary latch in top case makes contact with top strike releasing bolts which are projected into strike by gravity when door closes, locking door against operation from outside.

Doors cannot be operated from outside. No outside trim.



The vertical bolt is always applied to the left hand reverse bevel door which must be fitted with an overlapping "T" astragal. Coupling connects cross bars so that bar on either door will operate bolts. See above illustrations.

CAST IRON WITH STEEL TUBING AND RODS

Lever Arms Bronze. Guides, Strikes and Working Parts in Top Case are Brass or Bronze.

No.	Finish	Weight Set
J25087	Dead Black Japanned	12 1/2 lbs.
25087	Plated Finishes	12 1/2 lbs.

Specify number and finish. See pages 1 and 2.



Automatic Exit Fixtures

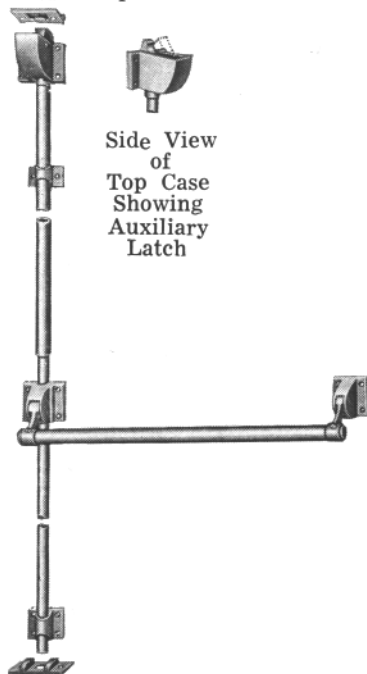
FOR SINGLE AND DOUBLE DOORS

CAST IRON

113

Rev. 6-1-57

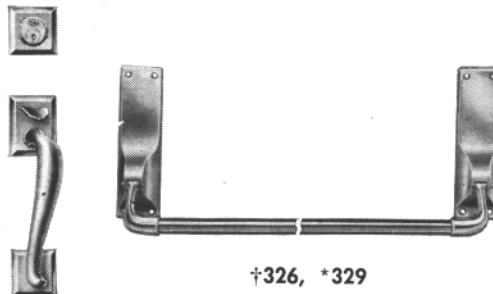
Angle Strike for
Standard ½" Stop



Side View
of
Top Case
Showing
Auxiliary
Latch

5087

OUTSIDE TRIM



75385

Cases..... 8 x 2¼ in.

Bar..... ¾ in. steel tubing.

Operation.... A slight pressure on bar releases door instantly. Thumb piece locked and unlocked by †326..... outside cylinder. Latch bolt held retracted by pressing in latch bolt and turning key towards back of lock.

*329..... Bar from inside only.

*Reversible... Standard stock size 3 ft.

Minimum width of stile 4½ in.

SETS FOR SINGLE DOORS

No.	LOCK			OUTSIDE TRIM Cast Brass or Bronze	Approx. Weight Each
	No.	Cyls.	See page		
†326 329	5785 180	1 None	170 168	Handle 75385 (8¾x2¼ in.) Cyl. Collar 75314 (2¼x2¼ in.) None	11 lbs. 8 lbs.

Packed with screws. †Not reversible. Specify hand, width and thickness of door, width of stile. For instructions for ordering, see page 97. Furnished for stops ½ in. unless otherwise ordered.

SETS FOR PAIRS OF DOORS

No.	LOCK			OUTSIDE TRIM Cast Brass or Bronze	Approx. Weight Per Set
	No.	Cyls.	See page		
†326 x 5087 329 x 5087	5785 180	1 None	170 168	Handle 75385 (8¾x2¼ in.) Cyl. Collar 75314 (2¼x2¼ in.) None	27 lbs. 24 lbs.

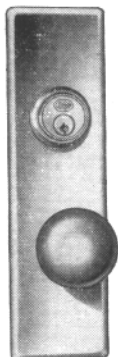
Packed with screws. †Not reversible. Specify hand, height, width and thickness of doors, width of stile. For instructions for ordering, see page 97. Furnished for stops ½ in. unless otherwise ordered. Open back strike regularly supplied.

Specify number and finish. See pages 1 and 2.



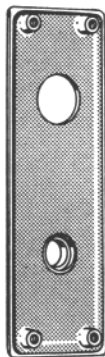
Optional Outside Trim

FOR EXIT FIXTURES
BRASS, BRONZE OR ALUMINUM



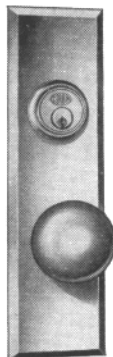
1519 1/2 x 74027

Knob 2 1/4 in. dia.
Escutcheon 8 5/8 x 2 1/2 in.
Cast Metal



1519 1/2 x 74127

Knob 2 1/4 in. dia.
Escutcheon 8 5/8 x 2 1/2 in.
Cast Metal



1519 1/2 x 74028

Knob 2 1/4 in. dia.
Escutcheon 9 1/2 x 3 1/2 in.
Cast Metal with lugs cast on back.

For use with Rim Exit Fixtures Nos. 2927 or 2927 1/2 when it is desired to connect Escutcheon to Exit Fixture Case with thru bolts.

These Escutcheons have lugs cast on back for use with Exit Fixtures Nos. 121, 124, 125, 127, 127 1/2, 128, 147 or 147 1/2 when it is desired to connect outside Escutcheon to Exit Fixture Case with thru bolts.



76580

76580NT. Same less Thumb Piece.

76580DNT. Same less Thumb Piece, less Cylinder hole. Size 15 x 3 in. Extruded Metal.

For use with Exit Fixtures Nos. 126, 126NT, 126 1/2, 126 1/2NT, 146, 146 1/2, 2926, 2926NT, 2926 1/2 or 2826NT in place of regular trim.

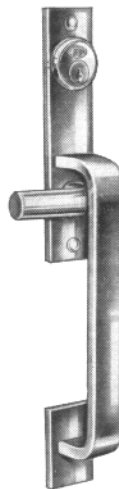


76584

76584NT. Same less Thumb Piece.

76584DNT. Same less Thumb Piece, less Cylinder Collar. Handle 12 1/8 x 1 1/2 in. Cylinder Collar 2 1/4 x 1 1/2 in. Extruded Metal.

For use with Exit Fixtures 126, 126 1/2, 126NT, 126 1/2NT, 146, 146 1/2, 2926, 2926 1/2, 2926NT or 2826NT in place of regular outside trim.



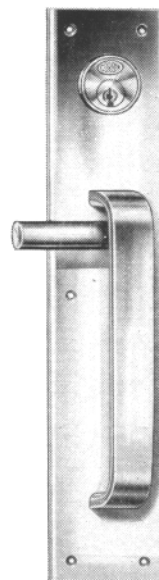
76589

76589DL. Same but rigid Lever, less Cylinder hole.

76589DNL. Same but less Lever, less Cylinder hole.

Size 13 3/8 x 1 1/2 in. Extruded Metal. Cast Lever.

For use with Exit Fixtures Nos. 121, 124, 125, 128 in place of regular trim.



76599

76599DL. Same but with rigid Lever, less Cylinder.

76599DNL. Less Lever, less Cylinder. Size 15 x 3 in.

For use with Exit Bolts Nos. 121, 124, 125, 128 in place of regular outside trim. Nos. 76598, 76598DL and 76598DNL same as above but with lugs on back to connect through bolt to exit fixture case.

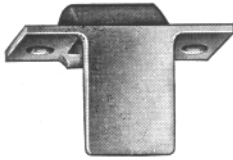
Specify number and finish. See pages 1 and 2.

Automatic Exit Fixtures

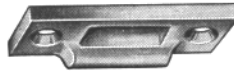
115

Rev. 6-1-57

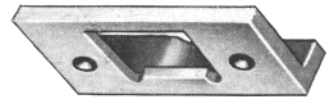
STRIKES FOR VERTICAL EXIT BOLTS

**No. 682**

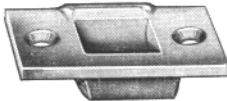
Top strike for bolts Nos. 120,
124, 125, 134, 135 and 140.

**No. 122S**

Top strike for bolts Nos. 122,
128, 138 and 142.

**No. 5087S**

Top strike for bolt No. 5087.

**No. 681**

Bottom strike for bolts Nos.
120, 124, 125, 134, 135, 140
for single doors.

**No. 122FT**

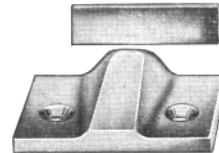
Bottom strike for bolts Nos.
122, 128, 138 and 142.

**No. 5087FT**

Bottom strike for bolt No.
5087.

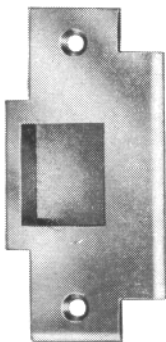
**No. 683**

Bottom strike furnished with
bolts Nos. 120, 140 for pairs
of doors.

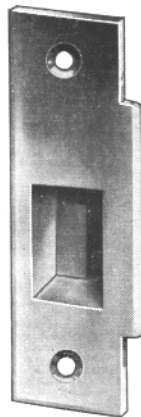
**No. 693**

Stop for bottom of active
door of pairs of doors.

STRIKES FOR MORTISE LOCKS

***NOT REVERSIBLE****No. 608**

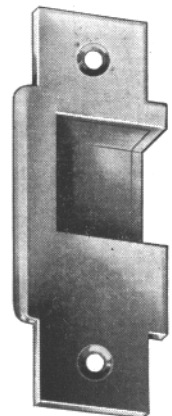
For mortise exit locks
Nos. 5683, 5683 $\frac{1}{2}$, 5683 $\frac{3}{4}$

**No. 676**

Jamb strike for mortise exit
locks Nos. 5785, 5784, 5585
and 5584.

No. 678

For mortise exit latches
Nos. 180, 185



No. 605 for 5683 exit lock.
No. 606 for 5784 exit lock.
No. 607 for 180 latch.

Open back strikes furnished
with all exit locks when used
on pairs of doors.

Allow doors to open and close
independently of each other.

*State hand of door.

Specify number and finish. See pages 1 and 2.

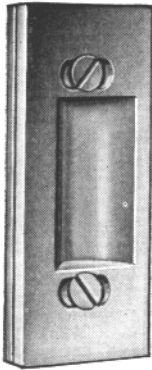


116

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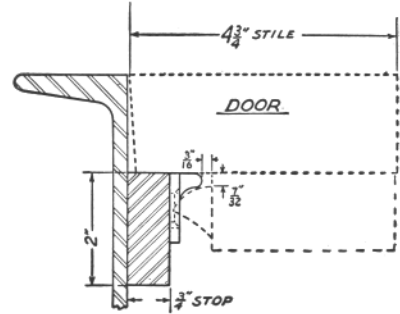
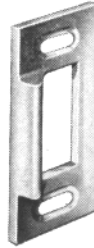
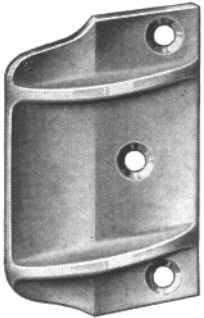
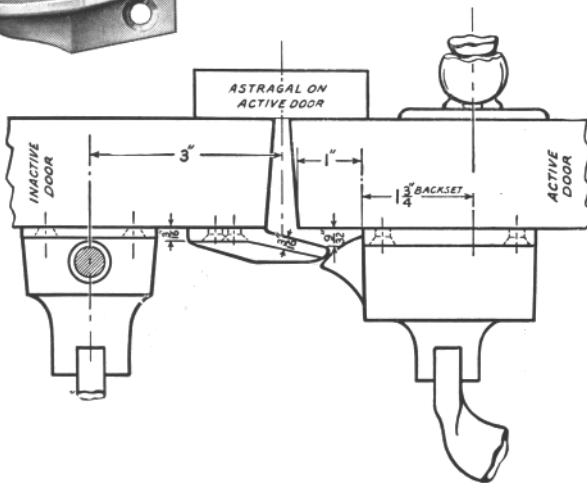
Automatic Exit Fixtures

STRIKES FOR RIM EXIT FIXTURES

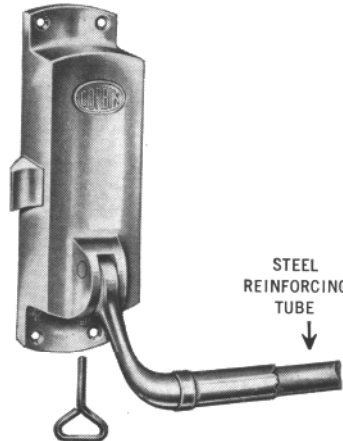
**674**Size $3\frac{3}{4} \times 1\frac{1}{2}$ in.

Cast Brass, Bronze or Aluminum

Adjustable to compensate for shrinkage of doors

Furnished regularly for all Rim Exit Fixtures,
pages 98 to 100.**No. 666A**Strike for rim exit fixtures for single
doors with channel iron jambs.Adjustable to compensate for
shrinkage of doors.**No. 655**Strike for rim exit fixtures when
used on pairs of doors with vertical
bolt on inactive door.

STEEL REINFORCING TUBE FOR CROSS BARS

Cross bars of rim bolts pages 98 to 100 and 120
line of bolts pages 102 to 107 can be furnished
with steel reinforcing tube. To order affix **RC** to
number, thus: **2926RC**, **126RC**, etc.

Specify number and finish. See pages 1 and 2.



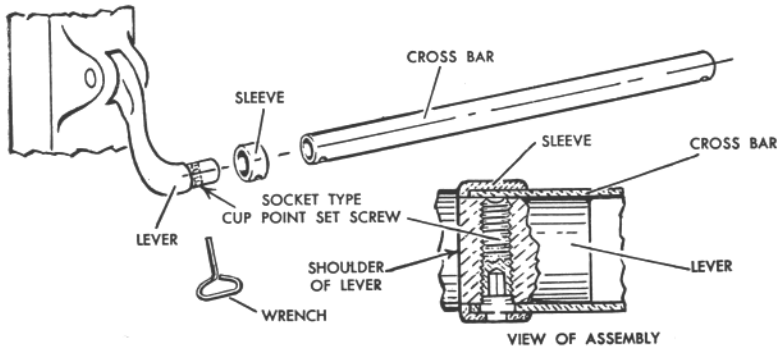
Automatic Exit Fixtures

117

Rev. 6-1-57

CROSS BAR ASSEMBLY

For Rim Bolts Pages 98 to 100 and 120 Line of Bolts Pages 102 to 107.

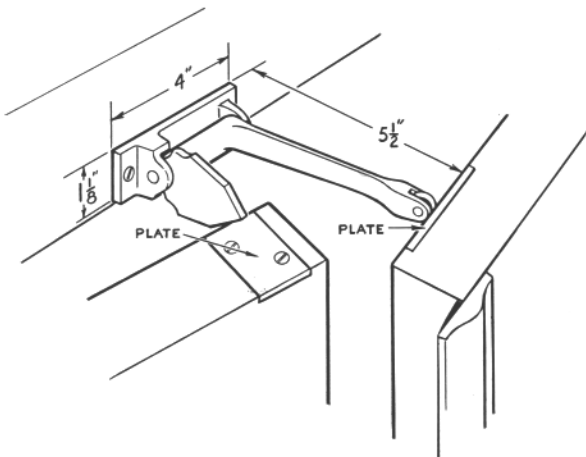


Cross bars now assembled to lever arms with socket type set screws in lever arms which are covered by sleeve after being applied.

Cross bar is provided with a scribe line for use as a guide for drilling hole on one end for set screw after bar is cut down to required length.

Automatic Co-ordinating Device

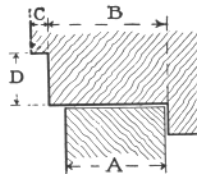
FOR DOUBLE DOORS WITH RABBETED FACE OR OVERLAPPING ASTRAGAL PREVENTS THE ACTIVE DOOR FROM CLOSING AHEAD OF THE INACTIVE DOOR



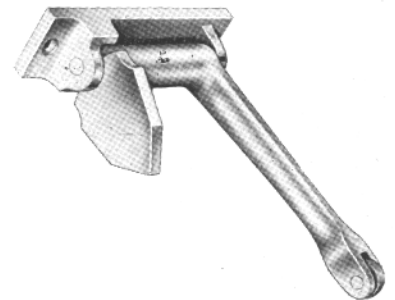
2359

View Applied

Shown with active door right hand reverse bevel.



In ordering state thickness of door (A) and recess (B). If with trim state "C" and "D." At additional price when required to meet unusual conditions.



When the inactive door is open the arm prevents active door from closing as shown in illustration. When the inactive door is closed it makes contact with the trip of the device which raises the arm so that active door will close beneath it.

*Not Reversible

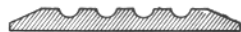
No.	Projection of Arm (A)	Material and Finish	Plate, Inches	Weight, Each
2359	5 1/4 in.	Cast Brass or Bronze Polished	1 3/8 x 4 1/8	1 3/4 lbs.

Packed with screws. *State hand.

Specify number and finish. See pages 1 and 2.



Thresholds



702*



704*



705*

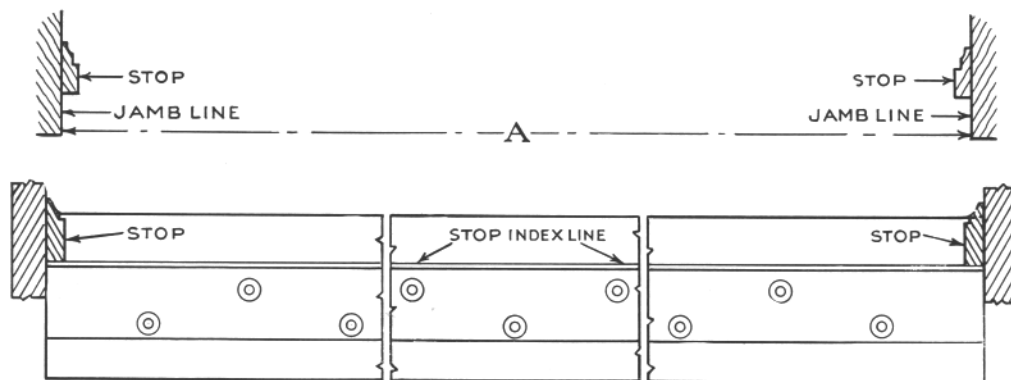


706*

No.	Length	Material	Width Inches	Height of Threshold
702	To Order	Extruded Aluminum	2½	¼ in.
704	To Order	Extruded Aluminum	4	½ in.
705	To Order	Extruded Aluminum	5	½ in.
706	To Order	Extruded Aluminum	6	½ in.

*When ordering specify length required.

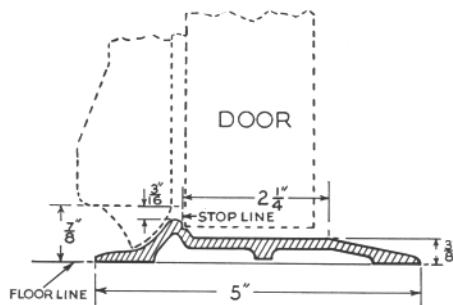
WEATHER PROOF, FOR EXTERIOR DOORS



"A" Length of threshold — extreme width of opening between jambs.

NOTE: These thresholds provided with stop index line, for aligning with side stops of door frame, to assure bottom of doors making even contact with stop part of threshold.

For doors up to 2¼ in. thick
In ordering state (A) length of threshold required.
Thresholds furnished 1 in. longer than ordered to allow them to be cut for close fit in opening.



No.	Length	Material	Width Inches	Height of Threshold	Height of Stop from Floor Line
2584	To Order	Extruded Bronze	5	¾ in.	5/8 in.
6584	To Order	Extruded Aluminum	5	¾ in.	5/8 in.

Furnished with 1¼ in. — 7/16 x 18 F. H. machine screws and expansion shields.

Specify number and size.





CANADA

EXTERIOR DOOR HARDWARE

ENTRANCE HANDLES

STORE DOOR HANDLES

DOOR PULLS

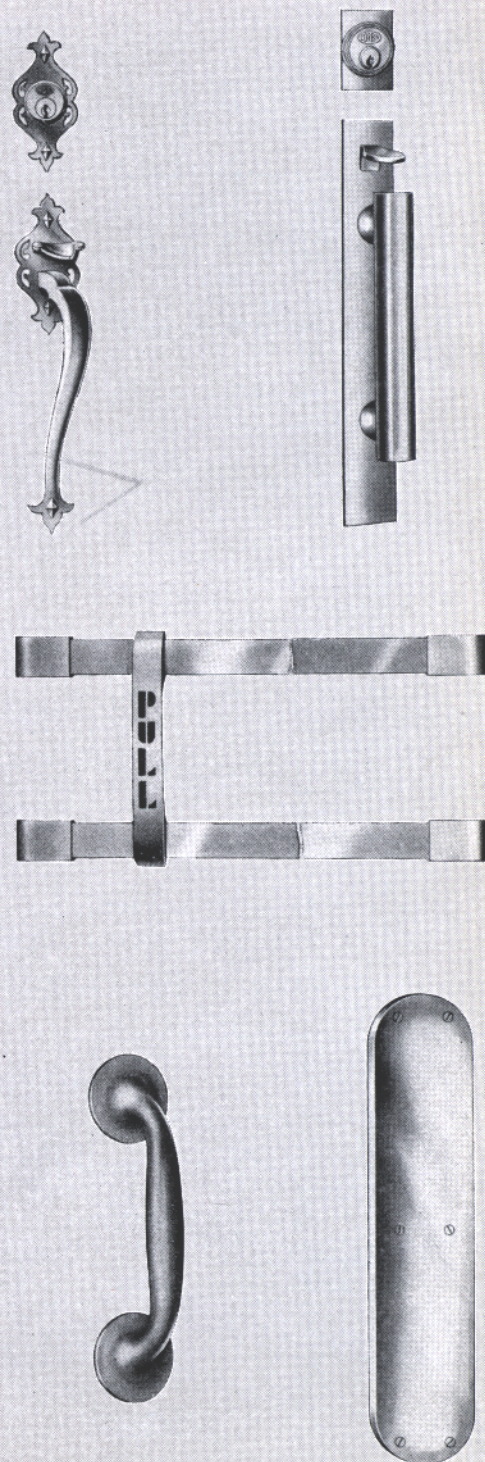
PUSH BARS

PUSH PLATES

DOOR KNOCKERS

ELECTRIC PUSH BUTTONS

LETTER DROP PLATES



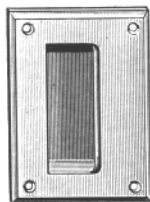


INDEX OF

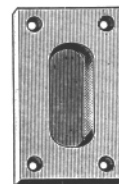
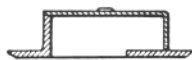
Item	Page
DOOR PULLS	121, 128
PUSH AND PULL PLATES	128, 130
KICK PLATES	131
PUSH BARS	131, 135
SECTIONAL LOCK SETS	136, 138
STORE DOOR LOCK SETS	139, 140
DOOR KNOCKERS	141
PUSH BUTTONS	141
LETTER DROP PLATES	142, 143

Flush Door Pulls

121



2102

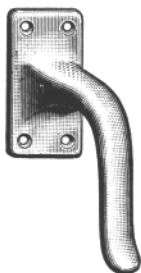


2103, 02103

No.	Size Inches	Material and Finish	Opening Inches	Outside Depth of Cup	Packed in a Box	Weight Dozen
2102	$3\frac{15}{16} \times 2\frac{7}{8}$	Cast Brass or Bronze Polished	$2\frac{3}{4} \times 1\frac{1}{8}$	From Back of Plate $\frac{3}{4}$ in.	6	8 $\frac{1}{4}$ lbs.
2103	$3\frac{3}{4} \times 2$	Polished	$2\frac{1}{8} \times \frac{7}{8}$	$1\frac{1}{32}$ in.	6	3 lbs.
02103	$3\frac{3}{4} \times 2$	Cast Iron Plated	$2\frac{1}{8} \times \frac{7}{8}$	$1\frac{1}{32}$ in.	6	3 lbs.

Packed with screws.

Door Pulls



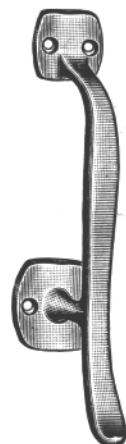
4337

Base $2\frac{7}{8} \times 1\frac{1}{8}$ in.

04398



T04328



4335

Large Base $1\frac{1}{8} \times 1\frac{1}{2}$ in.

No.	Overall Size Inches	Material and Finish	Projection Inches	Clearance Inches	Packed in a Box	Weight Dozen
J04398	$4\frac{3}{4} \times 1\frac{1}{16}$	Wrought Steel Japanned	$1\frac{1}{16}$	$\frac{3}{4}$	3 Dozen	1 lb.
J04398 1/2	$4\frac{3}{4} \times 1\frac{1}{16}$	Japanned	$1\frac{1}{16}$	$\frac{3}{4}$	3 Dozen	1 lb.
G04398	$4\frac{3}{4} \times 1\frac{1}{16}$	Zinc Plated	$1\frac{1}{16}$	$\frac{3}{4}$	3 Dozen	1 lb.
G04398 1/2	$4\frac{3}{4} \times 1\frac{1}{16}$	Zinc Plated	$1\frac{1}{16}$	$\frac{3}{4}$	3 Dozen	1 lb.
04398	$4\frac{3}{4} \times 1\frac{1}{16}$	Plated	$1\frac{1}{16}$	$\frac{3}{4}$	3 Dozen	1 lb.
T04328	$5\frac{3}{4} \times 1\frac{3}{4}$	Cast Iron Plated	$1\frac{1}{16}$	$1\frac{1}{4}$	6 Dozen	4 $\frac{1}{2}$ lbs.

No. 04398 1/2 without screws. All others packed with screws.

Hook Type for Hospital Use

Enables a person bearing a loaded tray to pull a door open.

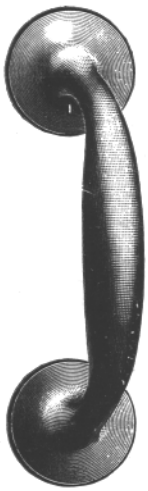
No.	Size Inches	Material and Finish	Projection Inches	Clearance Inches	Packed in a Box	Weight Dozen
4335	$9\frac{1}{8} \times 1\frac{1}{2}$	Cast Brass, Bronze or Aluminum Polished	$3\frac{7}{8}$	$3\frac{1}{8}$	6	12 $\frac{1}{2}$ lbs.
4337	$5\frac{1}{4} \times 1\frac{3}{4}$	Polished	$3\frac{7}{8}$	$2\frac{7}{8}$	6	9 lbs.

Packed with screws.

Specify number and finish. See pages 1 and 2.



Door Pulls



4330, 4331



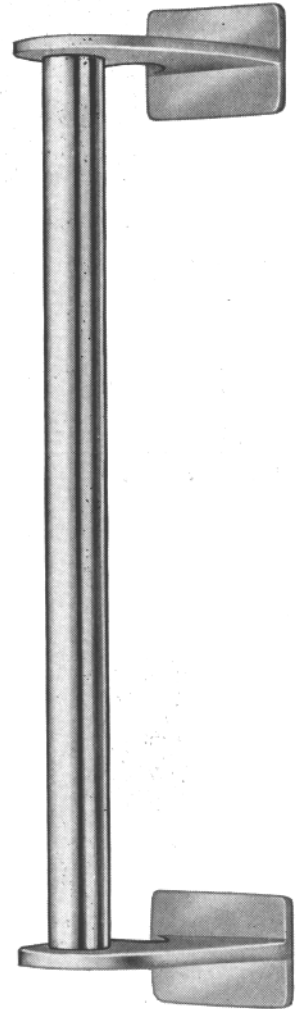
4332, 4333



4408



4409



4414

No.	Overall Size Inches	Material and Finish	Projection Inches	Clearance Inches	Cen. to Cen. of Machine Screw	Packed in a Box	Weight Dozen
Cast Brass, Bronze or Aluminum							
4330	7½ x 2	Polished	2¼	17/16	5½ in.	2	14¼ lbs.
4331	10 x 2	Polished	2⅞	15/16	7⅞ in.	2	18¾ lbs.
4332	7½ x 2	Polished	2¼	17/16	.....	2	13½ lbs.
4333	10 x 2	Polished	2⅞	15/16	.....	2	14¼ lbs.
4408	9¾ x 1 13/16	Polished	2⅞	1⅝	8 in.	2	16 lbs.
4409	9¾ x 1 13/16	Polished	2⅞	1⅝	8 in.	2	16 lbs.
Cast Brass or Bronze							
4414	15¾	Polished	2¾	1¾	14 in.	2	36 lbs.

Packed with screws or through bolts.

Specify number and finish. See pages 1 and 2.

Door Pulls

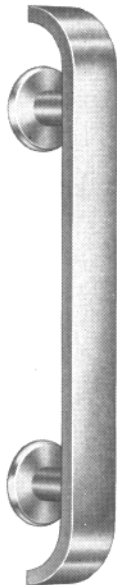
123



4370



4371



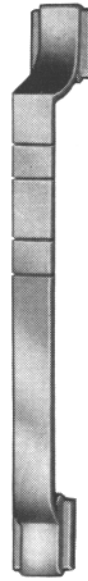
4372



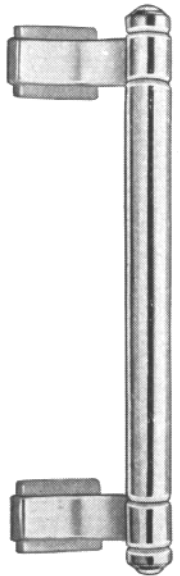
4373



4374



4375



4376

NO.	Overall Size Inches	Size of Base of Bracket Inches	Material and Finish	Projection Inches	Clearance Inches	Cen. to Cen. of Machine Screw	Packed in a Box	Weight Each
4370	18¼	3¾x1½	Brass Bronze or Aluminum Polished	2⅝	1¼	14½ in.	2	3⅝ lbs.
4371	18¼	3¾x1½	Polished	2⅝	1¼	14½ in.	2	3⅝ lbs.
4372	12½	1⅞	Polished	1⅞	1½	8 in.	2	3¼ lbs.
4373	11½	11½x1½	Polished	2¼	...	5½ in.	2	3¾ lbs.
4374	12	2	Polished	2⅜	...	9¼ in.	2	3½ lbs.
4375	17¾	2⅞x1⅝	Polished	2⅜	1¾	15½ in.	2	3 lbs.
4376	12	2⅞x1⅝	Cast Brass or Bronze Polished	2⅞	1⅞	10 in.	2	2⅞ lbs.

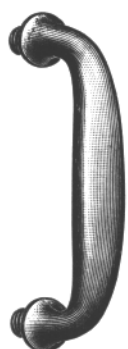
Packed with through bolts for attaching through door.

Specify number and finish. See pages 1 and 2.

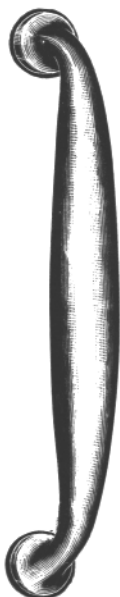


Door Pulls

Furnished on push plates as door pulls when so ordered.



4410, 04410



4408 1/2



4416



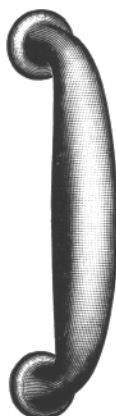
4420



4419



4412



4455 to 4457



04421

No.	Size, Center to Center, Inches	Material and Finish	Projection Inches	Clearance Inches	Type
Cast Brass or Bronze					
*4408 1/2	8	Polished	2 1/4	1 5/8	Straight
4410	4 3/8	Polished	1 3/4	1 1/8	Straight
*4412	5 3/8	Polished	1 7/8	1 1/4	Straight
4416	5 1/4	Polished	2 1/8	1 5/8	Straight
*4419	5 3/4	Polished	2 1/4	1 3/4	Straight
*4420	7 1/2	Polished	2 5/8	1 3/4	Straight
*4455	5 1/4	Polished	2	1 3/8	Straight
*4456	6	Polished	2 7/8	1 3/8	Straight
*4457	6 5/8	Polished	2	1 1/4	Straight
Cast Iron					
04410	4 3/8	Plated	1 3/4	1 1/8	Straight
04421	4 3/8	Plated	1 7/8	1 3/8	1 inch offset
04455	5 1/4	Plated	2	1 3/8	Straight

With machine screws and nuts to fasten to push plates or through door.

*Also furnished cast aluminum.

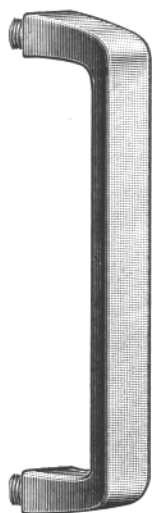
Specify number and finish. See pages 1 and 2.



Door Pulls

125

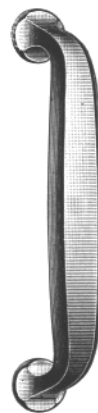
FURNISHED ON PUSH PLATES AS DOOR PULLS WHEN SO ORDERED



4334



4436



4451



4454

No.	Size, Center to Center, Inches	Material and Finish	Projection Inches	Clearance Inches	Type
*4334	7	Cast Brass or Bronze			
4436	5 ³ / ₄	Polished	2 ¹ / ₈	1 ¹ / ₂	Straight
4451	5 ³ / ₄	Polished	2 ¹ / ₈	1 ⁵ / ₈	Straight
4454	7 ⁵ / ₈	Polished	1 ⁷ / ₈	1 ⁵ / ₈	Straight
		Polished	1 ³ / ₄	1 ¹ / ₈	Straight

With Machine Screws and Nuts to fasten to Push Plate or Through Door.

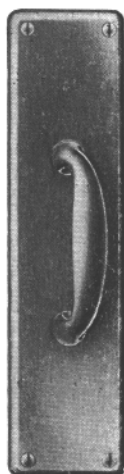
*Also furnished in aluminum.

Specify number and finish. See pages 1 and 2.

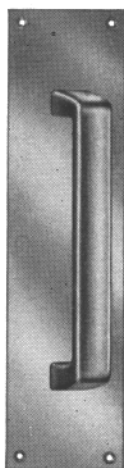


126

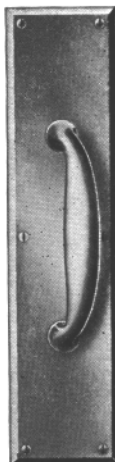
Door Pulls



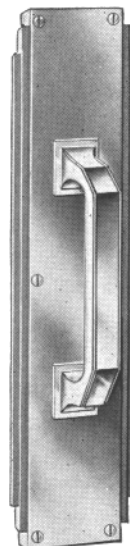
4485 to 4487



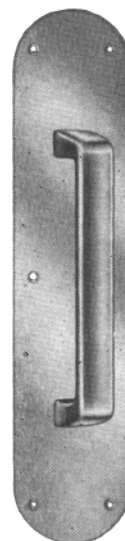
73986



74186



74586



76786

No.	Plate Size Inches	Material and Finish	Grip		Projection Inches	Packed in a Box	Weight Each
			No.	Cen. to Cen.			
		Cast Brass Bronze or Aluminum					
4485	12x3	Polished	4456	6 in.	2 ⁷ / ₁₆	2	2 ¹ / ₄ lbs.
4486	15x3 ¹ / ₂	Polished	4456	6 in.	2 ⁷ / ₁₆	2	3 ¹ / ₄ lbs.
4487	16x4	Polished	4457	6 ⁵ / ₈ in.	2 ⁷ / ₁₆	2	3 ³ / ₈ lbs.
73986	12x3	Polished	4334	7 in.	2 ¹ / ₁₆	2	2 ³ / ₈ lbs.
74186	12x3	Polished	4412	5 ³ / ₈ in.	2 ¹ / ₈	2	2 lbs.
*74586	14x3	Polished	4436	5 ³ / ₄ in.	2 ³ / ₈	2	2 ³ / ₈ lbs.
76786	14x3	Polished	4334	7 in.	2 ⁷ / ₁₆	2	3 ¹ / ₄ lbs.

Packed with screws and through bolts for grip.

Door pulls on plates have the grip regularly placed on the center of plate except when special features of the plate makes this impractical, in which case grips are placed in position which we believe gives the most balanced appearance.

Grips can be placed in any position on plate which is desired providing detail is furnished showing the required position.

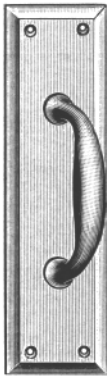
*Furnished cast Brass or Bronze only.

Specify number and finish. See pages 1 and 2.

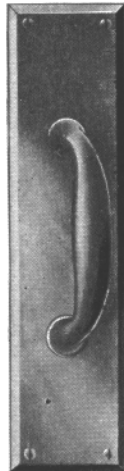


Door Pulls

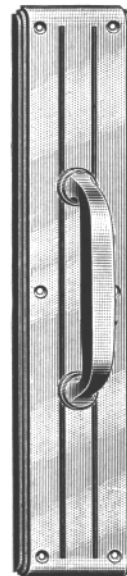
127



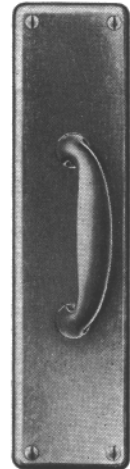
4470, 04470



4472, 04472



52986



4475 to 04476

No.	Plate Size Inches	Material and Finish	Grip		Projeciton Inches	Packed in a Box	Weight Dozen
			No.	Cen. to Cen.			
Wrought Brass or Bronze							
4470	10x2¾	Polished	4410	4⅜ in.	2⅛	2	15¾ lbs.
4472	14x3	Polished	4455	5¼ in.	2¼	2	19½ lbs.
4475	10x2¾	Polished	4410	4⅜ in.	2	2	15½ lbs.
4476	12x3	Polished	4455	5¼ in.	2⅜	2	18½ lbs.
52986	15x3	Polished	4451	5¾ in.	2½	2	22½ lbs.
Wrought Steel							
04470	10x2¾	Plated	04410	4⅜ in.	2⅛	2	12¾ lbs.
04472	14x3	Plated	04455	5¼ in.	2¼	2	18 lbs.
04475	10x2¾	Plated	04410	4⅜ in.	2	2	12¾ lbs.
04476	12x3	Plated	04455	5¼ in.	2⅜	2	15¾ lbs.

Packed with screws and through bolts for grip.

Door Pulls on plate have the grip regularly placed on the center of plate except when special features of the plate makes it impractical, in which case grips are placed in position which we believe gives the most balanced appearance.

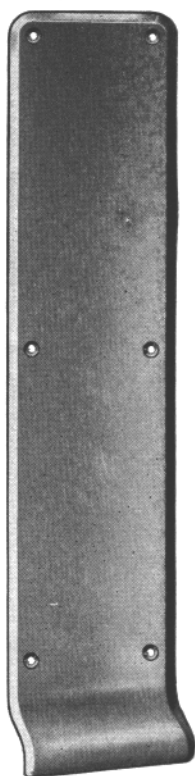
Grips can be placed in any position on plate which is desired providing detail is furnished showing the required position.

Specify number and finish. See pages 1 and 2.

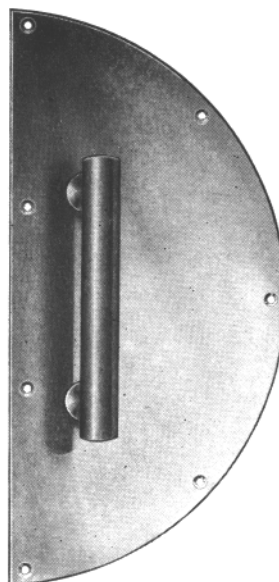


128 Push and Pull Plate

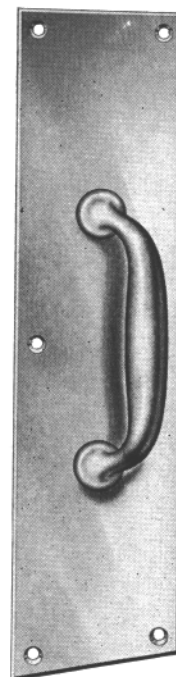
Door Pulls



2324



4466, 4467



4462
Type of 4463
and 4464

PUSH AND PULL PLATE

No.	Size	Material and Finish	Pull End		Packed in a Box	Weight Each
			Projection	Clearance		
2324	16 x 3½	Heavy Solid Extruded Brass, Bronze or Aluminum Polished	1½ in.	⅞ in.	2	3¼ lbs.

DOOR PULLS

No.	Plate Size Inches	Material and Finish	Grip		Projection Inches	Packed in a Box	Weight Dozen
			No.	Cen. to Cen.			
4462	12x3	Solid Wrought Brass, Bronze or Aluminum With Cast Grip	4455	5¼ in.	2⅛	2	22½ lbs.
4463	14x3½	Polished	4455	5¼ in.	2⅛	2	26½ lbs.
4464	16x4	Polished	4455	5¼ in.	2⅛	2	28½ lbs.
4466	15x7½	Extruded Brass, Bronze or Aluminum, 16 Ga.	....	7½x1 in.	....	1	.....
4467	12x6	Polished	....	7½x1 in.	....	1	.....

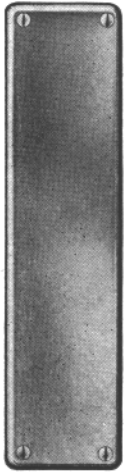
Packed with screws and through bolts for grip.

Specify number and finish. See pages 1 and 2.

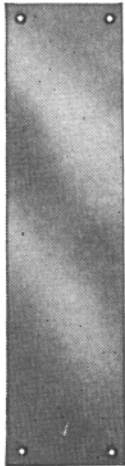


Push Plates

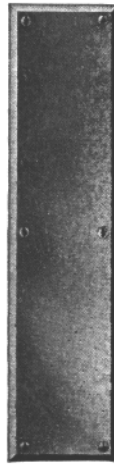
129



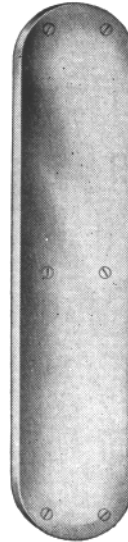
2343



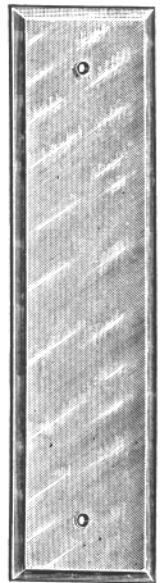
73990, 73991



74190 to 74194



76790



2300 (Glass)

No.	Overall Size Inches	Material and Finish	Packed in a Box	Weight Each
		Cast Brass, Bronze or Aluminum		
2343	12x3	Polished	6	1 ¹ / ₁₆ lbs.
2343	15x3 ¹ / ₂	Polished	6	2 ¹ / ₄ lbs.
2343	16x4	Polished	6	2 ¹ / ₂ lbs.
73990	12x3	Polished	6	1 ¹ / ₄ lbs.
73991	15x3 ¹ / ₂	Polished	6	1 ¹ / ₂ lbs.
74190	12x3	Polished	6	1 ³ / ₈ lbs.
74192	15x3 ¹ / ₂	Polished	6	1 ⁵ / ₈ lbs.
74193	16x4	Polished	6	1 ⁷ / ₈ lbs.
74194	20x4	Polished	6	2 ³ / ₈ lbs.
76790	14x3	Polished	6	1 ¹ / ₂ lbs.
2300	12x3	Glass	2	9 oz.

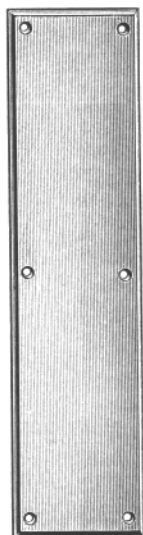
Packed with screws.

Specify number, size and finish. See pages 1 and 2.

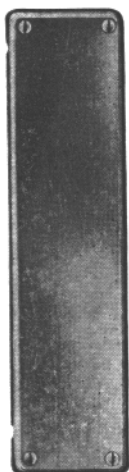


130

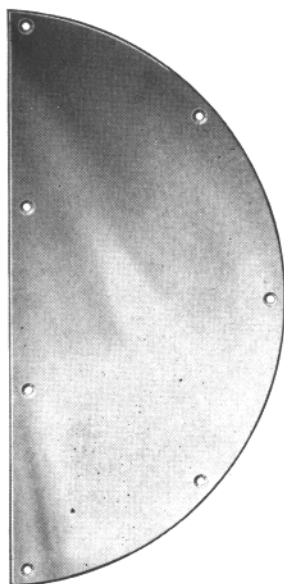
Push Plates



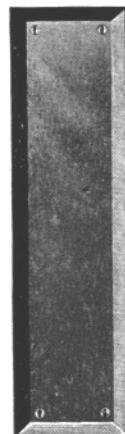
2354



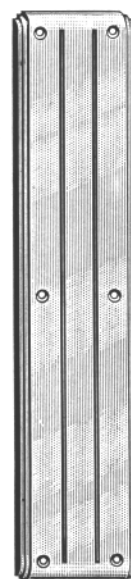
2353, 02353



2336, 2337



2352, 02352



52991

No.	Overall Size Inches	Material and Finish	Packed in a Box	Weight Dozen
Wrought Brass, Bronze or Aluminum				
2336	15x7½	Polished	1	.....
2337	12x6	Polished	1	.....
2354	10x3	Polished	6	6¾ lbs.
2354	12x3	Polished	6	8¼ lbs.
2354	15x3½	Polished	6	13½ lbs.
2354	16x4	Polished	6	15 lbs.
2354	20x4	Polished	6	18½ lbs.
Wrought Brass or Bronze				
2352	10x2¾	Polished	6	3¾ lbs.
2352	14x3	Polished	6	6¾ lbs.
2353	10x2¾	Polished	6	3¾ lbs.
2353	12x3	Polished	6	6 lbs.
52991	15x3	Polished	6	7½ lbs.
Wrought Steel				
02352	10x2¾	Plated	6	3¾ lbs.
02352	14x3	Plated	6	6¾ lbs.
02353	10x2¾	Plated	6	3¾ lbs.
02353	12x3	Plated	6	6 lbs.

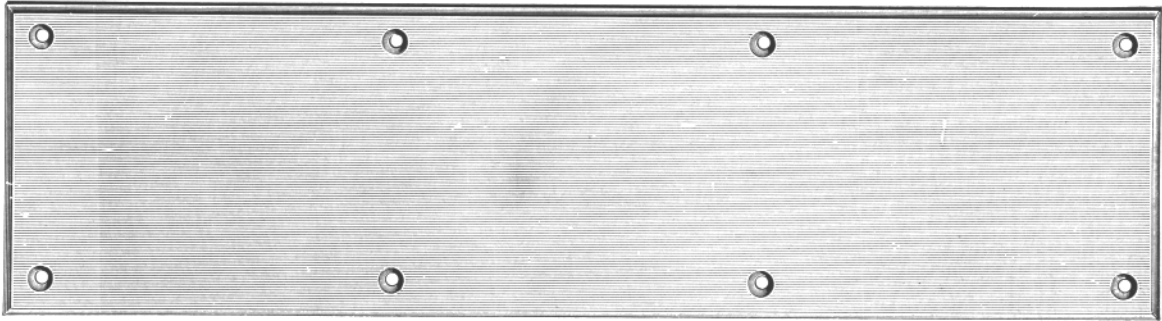
Packed with screws.

Specify number, size and finish. See pages 1 and 2.



Kick Plates

131



2316

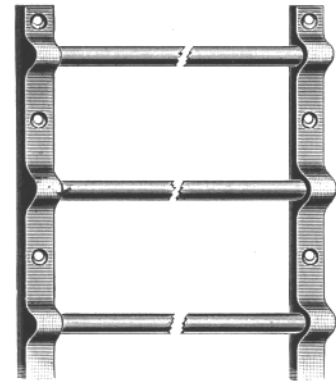
No.	Size	Material and Finish	Thickness		Type
			B&S Gauge	Inches	
2316	State Size Required	Wrought Brass, Bronze or Aluminum Polished	16	.050	Edges not beveled

Packed with screws.

All kick plates can be furnished bevelled when so ordered.

Push Bars

FURNISHED WITH TWO OR THREE BARS.



2209

No.	†With Bars	Bracket			Bars				Projection Inches	Clearance Inches
		Length Inches	Width Inches	Material and Finish	*Length Inches	Diameter Inches	Spacing Inches	Material and Finish		
				Cast Brass or Bronze				Wrought Brass or Bronze		
2209	2	6	3/4	Polished	Cen. to Cen. 24	1/2	3	Polished	15/16	5/16
2209	3	9	3/4	Polished	24	1/2	3	Polished	15/16	5/16

†In ordering specify number of bars.

*Bars furnished any length desired when so ordered.

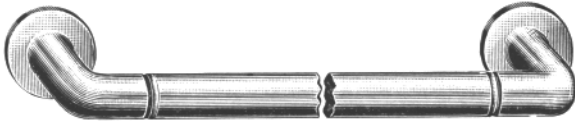
No. 2209 furnished to fasten from back with machine screws when so ordered.

Measurements, center to center of bases.

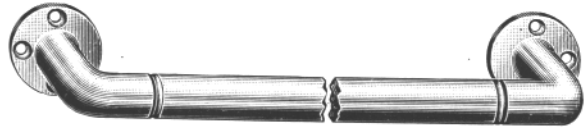
Packed with screws.

Specify number, size and finish. See pages 1 and 2.

132 Push and Pull Bars



2202



2203

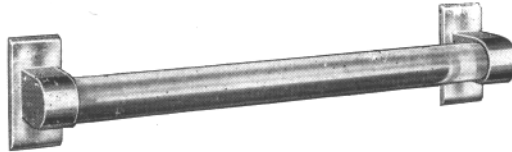
No.	Length Inches	Bases		Bars		Projection Inches	Clearance Inches	Weight Each
		Size Inches	Material and Finish	Size Inches	Material and Finish			
2202	24	2	Cast Brass or Bronze	1	Wrought Brass or Bronze	2¼	1¼	3 lbs.
2203	24	2	Polished	1	Polished	2¼	1¼	3 lbs.

2202 attached by machine screws through door from opposite side.

2203 packed with screws.

Measurements, centre to center of bases.

Furnished any length desired when so ordered.



2220

No.	Length Inches	Bases		Bars		Projection Inches	Clearance Inches	Weight Each
		Diameter Inches	Material and Finish	Diameter Inches	Material and Finish			
2220	16	3¼ x 1½	Cast Brass Bronze or Aluminum	1¼	Wrought Brass Bronze or Aluminum	2⅝	1¼	3 lbs.

Attached by machine screws through door from opposite side.

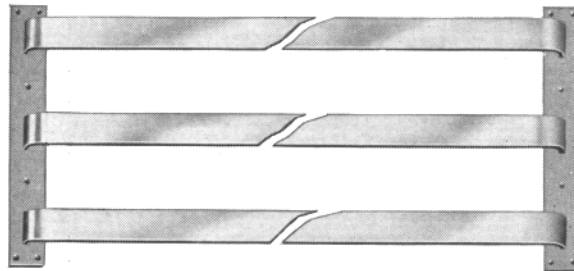
Standard length as shown. Special lengths to order.

When double bars are required, one for each side of door suffix "D" to number i.e. 2220D.

Specify number, size and finish. See pages 1 and 2.

Push and Pull Bars

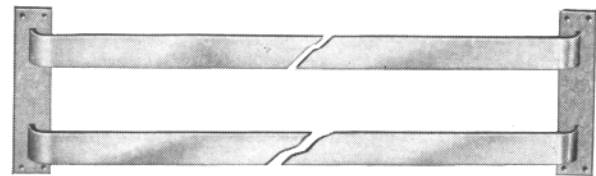
133



2225



2223



2224

No.	Length Inches	Bases		Bars		Pojection Inches	Clearance Inches
		Size Inches	Material and Finish	Size Inches	Material and Finish		
2223	24	2x 3½	Extruded Brass Bronze or Aluminum Polished	1¾ x ¾	Extruded Brass Bronze or Aluminum Polished	2½	2⅛
2224	24	2x 9½	Polished	1¾ x ¾	Polished	2½	2⅛
2225	24	2x15	Polished	1¾ x ¾	Polished	2½	2⅛

Measurements center to center of bases.

Furnished any length desired when so ordered.

Packed with screws.

Specify number, size and finish. See pages 1 and 2.

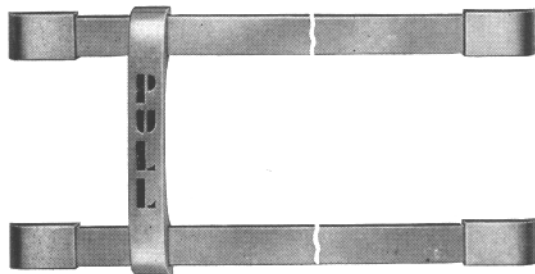


Push and Pull Bars

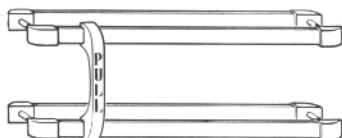
BRACKETS AND GRIPS CAST BRASS, BRONZE OR ALUMINUM, BARS EXTRUDED BRASS, BRONZE OR ALUMINUM.



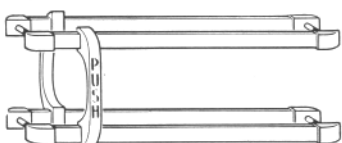
2231



2232
2233 Push Grip



2234 Push Bar Set



2236 Push Bar Set
For Double Acting doors.



2232G



2231A



2231B



2231BS

2231 SINGLE BAR

Cast Brackets. Extruded bars.
Length: Stock size 36 in.
Brackets: $1\frac{1}{2}$ x $2\frac{3}{8}$ in. Bar $1\frac{1}{4}$ x $\frac{3}{8}$ in.
Projection: $\frac{3}{4}$ in.
Regularly attached with Thru Bolts.
Wood or Machine Screws to order.

2232 DOUBLE BAR With Pull Grip

Brackets and Grip Cast. Extruded bars.
Length: Stock size 36 in.
Brackets: $1\frac{1}{2}$ x $2\frac{3}{8}$ in. Bars $1\frac{1}{4}$ x $\frac{3}{8}$ in.
Grip: $8\frac{1}{2}$ x $1\frac{1}{2}$ in. Projection: $1\frac{1}{4}$ in.
Spacing: $6\frac{1}{2}$ in. center to center of bars.
Regularly attached with Thru Bolts.
Wood or Machine Screws to order.

2233 DOUBLE BAR With Push Grip

Same as 2232 except word Push on Grip.

Set No. 2234 consists of 2232 Double Bar with Pull Grip outside and two Single Bars 2231 inside connected with Thru Bolts.

Set No. 2236 consists of two 2233 Double Bars with Push Grip, one for each side of door, connected with Thru Bolts.
For Double Acting Doors.

PARTS

2231A Bar only, no Brackets.
Size $1\frac{1}{4}$ x $\frac{3}{8}$ in. Length for 36 in. Bars.

2231B Bracket for Thru Bolt, $1\frac{1}{2}$ x $2\frac{3}{8}$ x $\frac{3}{4}$ in.

2231BS Bracket for surface screws $1\frac{1}{2}$ x $2\frac{3}{8}$ x $\frac{3}{4}$ in.

2232G (Pull) Grip $8\frac{1}{2}$ x $1\frac{1}{8}$ in. $6\frac{1}{2}$ in. center to center.
 $1\frac{1}{4}$ in. projection.

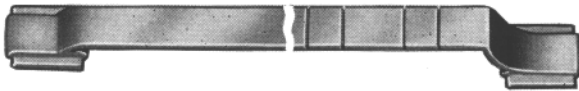
2233G (Push) Grip $8\frac{1}{2}$ x $1\frac{1}{8}$ in. $6\frac{1}{2}$ in. center to center.
 $1\frac{1}{4}$ in. projection.

Shipped not assembled for doors up to 36 in. wide. Bars can be cut to desired size before applying. Reversible for right or left hand doors.

Specify number and finish. See pages 1 and 2.

Push and Pull Bars

135



2237

Attached by machine screws through door from opposite side.



2238

Can be supplied in pairs when so ordered.

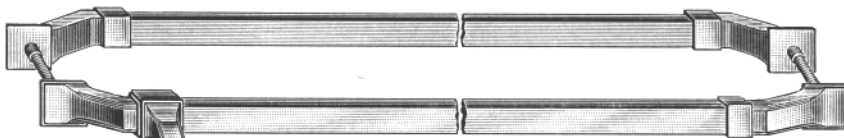
No.	*Length, Inches	Material and Finish	Bases		Projection Inches	Clearance Inches
			Width Inches	Length Inches		
2237	*State Length	Cast Brass or Bronze	1 5/8	2 1/8	2 1/4	1 3/4
2238	*State Length	Polished	1 5/8	2 1/8	2 1/4	1 3/4
		Polished				

*Furnished only in 24 1/2, 26 5/8, 27 1/2, 30, 30 1/2, 32 1/4, 32 1/2, 34 1/2, 37 1/4 in. center to center of bases.



2240

Attached by machine screws through door from opposite side. Can be furnished in pairs when so ordered.



2250

Grip, cast brass or bronze.

Spacing, center to center of bars, 7 1/8 in.

Center of base plate to center of grip, 3 in.

Number covers double bars and grip outside with two single bars inside, complete as illustrated.

Outside bars attached with machine screws through bases of inside bars.

Furnished any length desired, when so ordered.

No.	Length Inches	Bases		Bars		Projection		Clearance Inches	Weight Each
		Size Inches	Material and Finish	Size Inches	Material and Finish	Grip Inches	Bars Inches		
2240	24	1 3/8 x 1 3/8	Cast Brass or Bronze	3/4 x 1/2	Wrought Brass or Bronze Tubing	...	1 5/8	1	2 3/4 lbs.
2250	24	1 3/8 x 1 3/8	Polished	3/4 x 1/2	Polished	3	1 5/8	1	11 1/2 lbs.
			Polished		Polished				

Specify number, size and finish. See pages 1 and 2.



Sectional Handle Locksets

CAST BRASS OR BRONZE



34184



36484



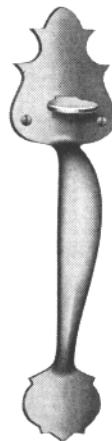
42084



74583



80784



ENTRANCE DOOR HANDLES

No.	Handle Size Inches	Projection Inches	Cylinder Collar	
			No.	Size, Inches
34184	11 3/4 x 2 1/2	2 7/16	34113	4 1/8 x 2 1/8
36484	13 1/4 x 2 3/4	2 7/8	36413	2 5/8 x 2 5/8
42084	11 3/4 x 2 7/8	2	42013	2 3/4 x 2 1/8
74583	10 3/4 x 2 1/4	2	74514	3 x 2 1/4
80784	10 x 2	2 1/4	80713	4 1/8 x 2

LOCKSETS WITH HANDLE OUTSIDE AND KNOB INSIDE

Set No.	Lock		1/2 Pair Handles No.	One Knob with 45 1/2 Spindle No.	Thumb Knob No.	Packed in a Box	Weight Set
	No.	See Page					
341-880	5743	166	34184	1419x1118	2140	1	4 3/8 lbs.
364-880	5743	166	36484	1419x1118	2140	1	4 5/8 lbs.
420-880	5743	166	42084	1419x1118	2140	1	5 1/4 lbs.
745-879	5743	166	74583	1419x1118	2140	1	5 1/2 lbs.
807-880	5743	166	80784	1419x1118	2140	1	4 lbs.

LOCKSETS WITH HANDLES BOTH SIDES

Set No.	Lock		One Pair Handles No.	Packed in a Box	Weight Set
	No.	See Page			
341-994	5262	167	34184	1	6 lbs.
364-994	5262	167	36484	1	6 lbs.
420-994	5262	167	42084	1	6 lbs.
745-993	5262	167	74583	1	7 lbs.
807-994	5262	167	80784	1	5 1/4 lbs.

Packed with screws.

Specify number, thickness of door and finish. See pages 1 and 2.



Sectional Handle Locksets

CAST BRASS OR BRONZE

137

Rev. 6-1-57



14684



50384



50584



*54184



*56484



ENTRANCE DOOR HANDLES

No.	Handle Size Inches	Projection Inches	Cylinder Collar	
			No.	Size, Inches
14684	11 x 2 $\frac{5}{8}$	2	14613	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$
50384	9 $\frac{3}{8}$ x 2 $\frac{3}{8}$	2	50313	3 $\frac{1}{8}$ x 2 $\frac{1}{2}$
50584	11 $\frac{1}{8}$ x 2 $\frac{1}{2}$	1 $\frac{3}{4}$	50513	2 $\frac{7}{8}$ x 2 $\frac{1}{4}$
*54184	11 $\frac{3}{4}$ x 2 $\frac{1}{2}$	2 $\frac{3}{8}$	54113	4 $\frac{1}{8}$ x 2 $\frac{1}{8}$
*56484	13 $\frac{1}{4}$ x 2 $\frac{3}{4}$	2 $\frac{7}{8}$	56413	2 $\frac{5}{8}$ x 2 $\frac{5}{8}$

LOCKSETS WITH HANDLE OUTSIDE AND KNOB INSIDE

Set No.	Lock		$\frac{1}{2}$ Pair Handles No.	One Knob with 45 $\frac{1}{2}$ Spindle No.	Thumb Knob No.	Packed in a Box	Weight Set
	No.	See Page					
146-880	5743	166	14684	1419 x 1118	2140	1	5 $\frac{3}{8}$ lbs.
503-880	5743	166	50384	1419 $\frac{1}{2}$ x 1109	2140	1	4 $\frac{1}{2}$ lbs.
505-880	5743	166	50584	1419 $\frac{1}{2}$ x 1109	2140	1	5 lbs.
*541-880	5743	166	54184	1419 x 1118	2140	1	5 lbs.
*564-880	5743	166	56484	1419 x 1118	2140	1	5 lbs.

LOCKSETS WITH HANDLES BOTH SIDES

Set No.	Lock		One Pair Handles No.	Packed in a Box	Weight Set
	No.	See Page			
146-994	5262	167	14684	1	6 $\frac{5}{8}$ lbs.
*541-994	5262	167	54184	1	6 lbs.
*564-994	5262	167	56484	1	6 lbs.

Packed with screws. *Furnished in colonium metal.

Specify number, thickness of door and finish. See pages 1 and 2.



138

Rev. 6-1-57

Sectional Handle Locksets

CAST BRASS OR BRONZE



40084



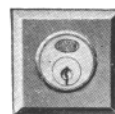
*42184



*42284



*76584



75383

Type of 75384

Cast Brass, Bronze or Aluminum

*Extruded Brass, Bronze or Aluminum

ENTRANCE DOOR HANDLES

No.	Handle Size Inches	Projection Inches	Grip No.	Cylinder Collar	
				No.	Size
40084	9 $\frac{3}{4}$ x2 $\frac{3}{4}$	1 $\frac{15}{16}$	....	40013	3 $\frac{1}{4}$ x2 $\frac{5}{8}$
42184	11 $\frac{1}{2}$ x1 $\frac{1}{2}$	2 $\frac{1}{4}$	....	42113	2 $\frac{1}{4}$ x1 $\frac{1}{2}$
42284	11 $\frac{1}{2}$ x1 $\frac{1}{2}$	2 $\frac{3}{8}$	....	42213	2 $\frac{1}{4}$ x1 $\frac{1}{2}$
75383	8 $\frac{3}{4}$ x2 $\frac{1}{4}$	2 $\frac{3}{8}$	4419	75314	2 $\frac{1}{4}$ x2 $\frac{1}{4}$
75384	10 $\frac{1}{2}$ x2 $\frac{1}{4}$	2 $\frac{7}{8}$	4420	75314	2 $\frac{1}{4}$ x2 $\frac{1}{4}$
76584	12 $\frac{5}{8}$ x1 $\frac{1}{2}$	1 $\frac{15}{16}$	....	76513	2 $\frac{1}{4}$ x1 $\frac{1}{2}$

LOCKSETS WITH HANDLE OUTSIDE AND KNOB INSIDE

Set No.	Lock		$\frac{1}{2}$ Pair Handles No.	One Knob with 45 $\frac{1}{2}$ Spindle No.	Thumb Knob No.	Packed in a Box	Weight Set
	No.	See page					
400-880	5743	166	40084	1419x1118	2140	1	5 lbs.
421-880	5743	166	42184	1419x1118	2140	1	.....
422-880	5743	166	42284	1419x1118	2140	1	.....
753-879	5743	166	75383	1419x1118	2140	1	5 $\frac{1}{4}$ lbs.
753-880	5743	166	75384	1419x1118	2140	1	6 lbs.
765-880	5743	166	76584	1419x1118	2140	1	.....

LOCKSETS WITH HANDLES BOTH SIDES

Set No.	Lock		One Pair Handles No.	Packed in a Box	Weight Set
	No.	See Page			
400-994	5262	167	40084	1	5 $\frac{1}{2}$ lbs.
421-994	5262	167	42184	1	.....
422-994	5262	167	42284	1	.....
753-993	5262	167	75383	1	6 $\frac{1}{2}$ lbs.
753-994	5262	167	75384	1	7 $\frac{3}{4}$ lbs.
765-994	5262	167	76584	1	.....

Packed with screws.

Specify number, thickness of door and finish. See pages 1 and 2.



Store Door Handle Locksets

139

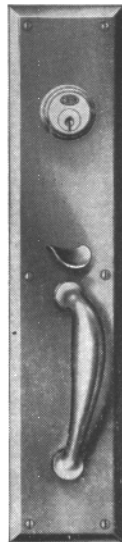
WROUGHT BRASS OR BRONZE

WROUGHT STEEL



70081

Canada Design



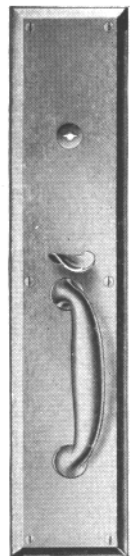
70281

Portland Design



52980

Barre Design



60281

Portland Design

WROUGHT BRASS OR BRONZE

Set No.	Lock		One Pair Handles				Packed in a Box	Weight Set
	No.	See Page	No.	Size Inches	Grip No.	Projection Inches		
700-991	5262	167	70081	12x3	4410	2 1/8	1	5 1/2 lbs.
702-991	5262	167	70281	14x3	4416	2 3/8	1	5 1/2 lbs.
529-990	5262	167	52980	15x3	4451	2 5/8	1	5 lbs.

Packed with screws.

WROUGHT STEEL

Set No.	Lock		One Pair Handles				Packed in a Box	Weight Set
	No.	See Page	No.	Size Inches	Grip No.	Projection Inches		
602-933	0186	172	60281	14x3	04416	2 1/8	1	5 lbs.

Packed with screws.

Specify number, thickness of door and finish. See pages 1 and 2.



140

Store Door Handle Locksets

CAST BRASS OR BRONZE



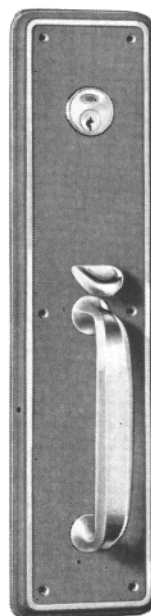
74081



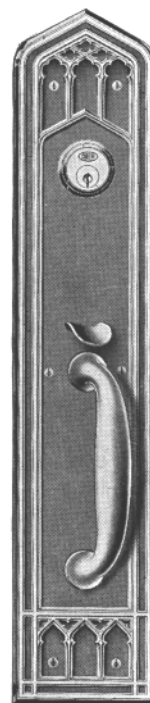
74180
Type of 74181



74580



78880



86280

Set No.	Lock		One Pair Handles				Packed in a Box	Weight Set
	No.	See Page	No.	Size Inches	Grip No.	Projection Inches		
740-991	5262	167	74081	15x3	4416	2½	1	7¼ lbs.
741-990	5262	167	74180	15x3	4419	2⅝	1	9 lbs.
741-991	5262	167	74181	16x4	4420	2⅞	1	11⅜ lbs.
745-990	5262	167	74580	16x3	4436	2⅜	1	7 lbs.
788-990	5262	167	78880	16x4	4451	2⅞	1	11⅜ lbs.
862-990	5262	167	86280	18x3¾	4455	2¼	1	10 lbs.

Packed with screws.

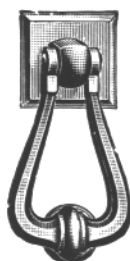
Specify number, thickness of door and finish. See pages 1 and 2.



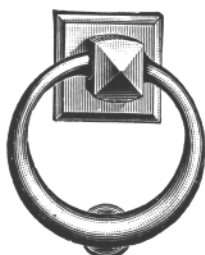
Door Knockers

FOR ENTRANCE DOORS

141



75368



75369



54068



54168

No.	Overall Size Inches	Material and Finish	Plate Size Inches	Projection Inches	Packed in a Box	Weight Each
75368	5 1/4 x 2 1/2	Cast Brass or Bronze	2 x 2	1 1/4	1	3/4 lbs.
75369	5 x 4 1/8	Polished	2 1/4 x 2 1/4	1 1/16	1	1 1/2 lbs.
*54068	6 7/8 x 3 3/4	Hammered	3 3/4 x 2 1/2	1 3/16	1	1 1/8 lbs.
*54168	7 x 3	Hammered	4 3/4 x 2 7/16	1 3/16	1	1 1/6 lbs.

Attached by through bolts through door from opposite side.

*Furnished HPE finish only.

Electric Push Buttons



70061

Canada Design



70261

Portland Design



50761

Somerset Design



54161

Warden Design



80761

Somerset Design

No.	Size Inches	Material and Finish	Packed in a Box	Weight Dozen
*50761	3 x 1	Cast Brass or Bronze		
*54161	4 1/8 x 2 1/8	Hammered	6	1 1/2 lbs.
80761	3 x 1	Hammered	6	1 7/8 lbs.
		Polished	6	1 1/2 lbs.
		Wrought Brass or Bronze		
70061	3 1/8 x 1 5/8	Polished	6	12 oz.
70261	3 1/4 x 1 1/2	Polished	6	12 oz.

All with pearl button. *Furnished HPE finish only.

Packed with screws.

Specify number and finish. See pages 1 and 2.



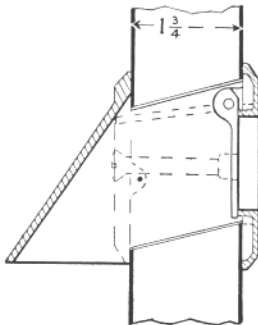
Letter Drop Plates

143

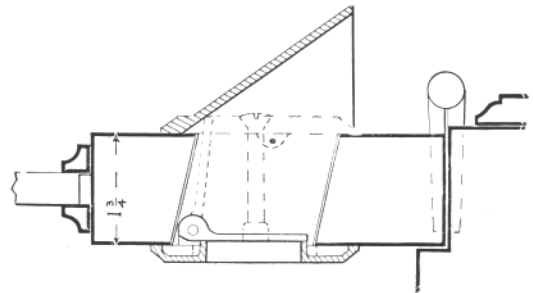
OPENING $1\frac{1}{2}$ x 7 IN. TO CONFORM TO
POSTAL REGULATIONS FOR OFFICE BUILDINGS



74070 to 74074



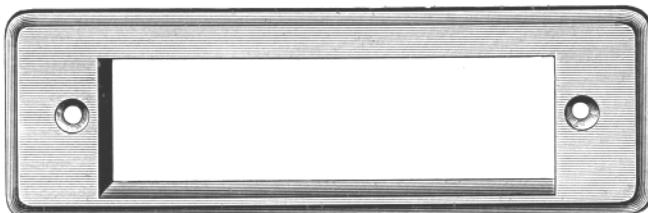
Cross section 74074 applied to $1\frac{3}{4}$ in. hollow metal door in horizontal position



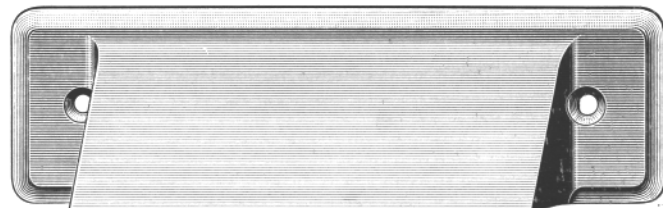
Cross section 74074 applied to $1\frac{3}{4}$ in. hollow metal door in vertical position

No.	Letter Drop Plate			Back Plate			Packed in a Box	Weight Dozen
	Size Inches	Material and Finish	Opening Inches	Description	Size Inches	Opening Inches		
		Cast Brass or Bronze						
74070	$3\frac{1}{4}$ x $10\frac{1}{4}$	Polished	$1\frac{1}{2}$ x 7	Without			6	18 $\frac{5}{8}$ lbs.
74071	$3\frac{1}{4}$ x $10\frac{1}{4}$	Polished	$1\frac{1}{2}$ x 7	Flat—Cast Brass or Bronze	$3\frac{1}{4}$ x $10\frac{1}{4}$	$2\frac{1}{8}$ x $7\frac{1}{8}$	6	29 lbs.
74072	$3\frac{1}{4}$ x $10\frac{1}{4}$	Polished	$1\frac{1}{2}$ x 7	Hooded—Cast Brass or Bronze	$3\frac{1}{4}$ x $10\frac{1}{4}$	.....	3	40 lbs.
74073	$3\frac{1}{4}$ x $10\frac{1}{4}$	Polished	$1\frac{1}{2}$ x 7	Flat with Wrought Metal Chute	$3\frac{1}{4}$ x $10\frac{1}{4}$	$2\frac{1}{8}$ x $7\frac{1}{8}$	3	36 $\frac{3}{8}$ lbs.
74074	$3\frac{1}{4}$ x $10\frac{1}{4}$	Polished	$1\frac{1}{2}$ x 7	Hooded with Wgt. Metal Chute	$3\frac{1}{4}$ x $10\frac{1}{4}$	.....	3	46 $\frac{3}{8}$ lbs.

With through bolts which pass through inside plate and door engaging lugs cast on back of letter drop plate.
Wrought metal chutes can be furnished for doors $1\frac{1}{4}$ to $2\frac{1}{4}$ in. thick.



Back Plate for 74071 and 74073



Hooded Back Plate for 74072 and 74074

Specify number and finish. See pages 1 and 2.





CANADA

LOCKS AND ACCESSORIES

MORTISE LOCKS

RIM LOCKS

NIGHT LATCHES

LOCK, CYLINDER AND
KNOB PARTS

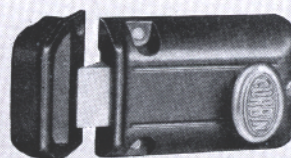
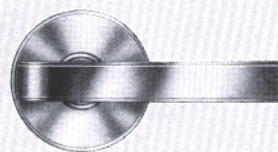
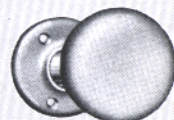
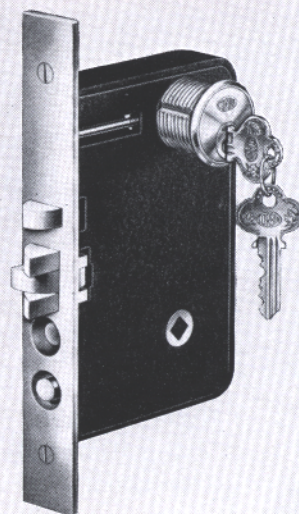
KEYS

DOOR KNOBS

LEVER HANDLES

ESCUTCHEONS

CUP HANDLES





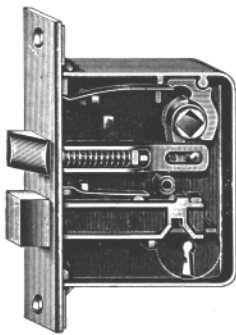
 INDEX OF

Item	Page
LOCK INFORMATION	147, 148
7000 STANDARDIZED LOCKS, MORTISE	149, 164
CYLINDER LOCKS:	
Dead, Mortise	181, 183
Exit Fixture, Mortise	169, 170
Front Door, Mortise	165, 166
Store Door, Mortise	167
LATCHES:	
Exit Fixture, Mortise	168
Friction, Mortise	180
Knob, Mortise	179, 180
Knob, Tubular	251
Night Latches, Mortise	185
Night Latches, Rim	186, 188
Sliding Door, Mortise	170, 181
Store Door, Mortise	172
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Front Door, Mortise	171
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Rim	177
School House, Mortise	177
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BATHROOM AND COMMUNICATING	178
RIM BAR BOLTS	184
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KEY BLANKS	194, 196
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FLUSH CUP HANDLES	210

Corbin Bitted-Key Locks

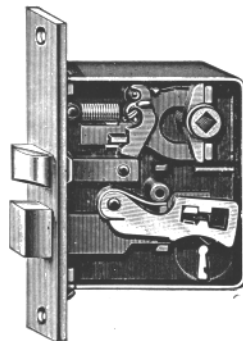
147

WITH WARDS AND LEVER TUMBLERS



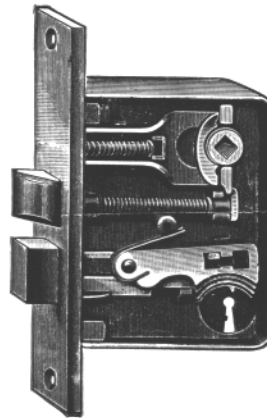
Type A

A lock for inside doors, insuring privacy and a proper degree of security for general use.



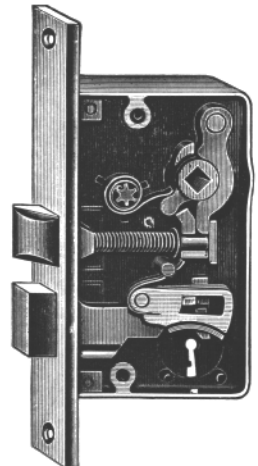
Type C

A three-tumbler lock with light, resilient spring on the latch bolt and a stronger spring on the knob action.



Type D

A heavy, master-keyed, three-tumbler lock, with long, lively, easy spring on the latch bolt and a quick, snappy knob action.



Type E

A lock for use with lever handles, having a strong French spring on the hub to insure quick return of the handle to a horizontal position.

CORBIN locks of this type have three methods of changing the key combination. One of these employs projections on the side of keyhole and corresponding cuts or channels in the bit of the key to enable it to enter the lock. In a second, the projections are placed on the inside of the case, and the edge of the bit of the key is cut so that it will pass them. The third is the use of lever tumblers which must be lifted by the key before it can move the bolt, and which the key must be cut to raise to exactly the right point. All of these three factors can be changed in location and form, making a like change in the key necessary. The number of the possible variations is different, depending largely upon the kind of lock, and the number of tumblers, and is increased in many locks by employing end wards, side wards, and lever tumblers in combination in the same lock. Corbin bitted-key locks can be obtained with the maximum number of key changes possible with this type of mechanism and with functions suited to the doors they are required to secure.

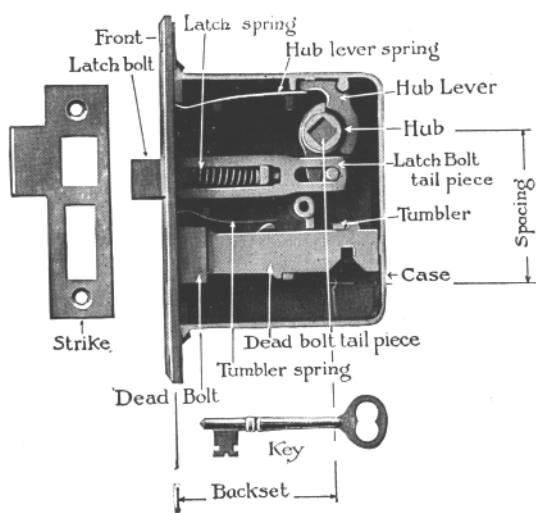
All parts of the mechanism are finely proportioned and accurately adjusted. The tumblers, in addition to limiting the use of the key, lock the dead bolt firmly in either the thrown or retracted position.

The roll-backs actuated by the knob have abundant leverage and retract the latch bolt easily, the strong spring giving a quick and positive return when the knob is released. The latch bolt has a lighter resilient spring, and the impact of the latch bolt with the strike causes a minimum of resistance to the closing of the door. Every detail has been carefully developed in order that the user of a Corbin lock may have security, proper service and absence from trouble so long as the lock is in use.

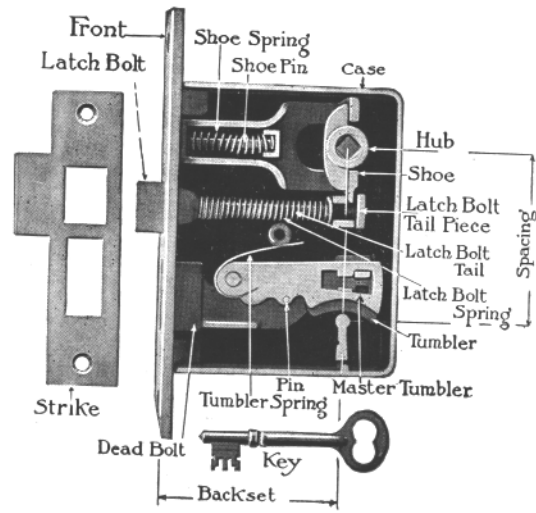
The illustrations show the varying forms of the principal elements in locks of this type. Various functions are added by changing the mechanism, to adapt the locks to the manifold demands of the complex existence of to-day, and Corbin locks can be supplied that will answer perfectly and conveniently any requirement of the most exacting conditions.



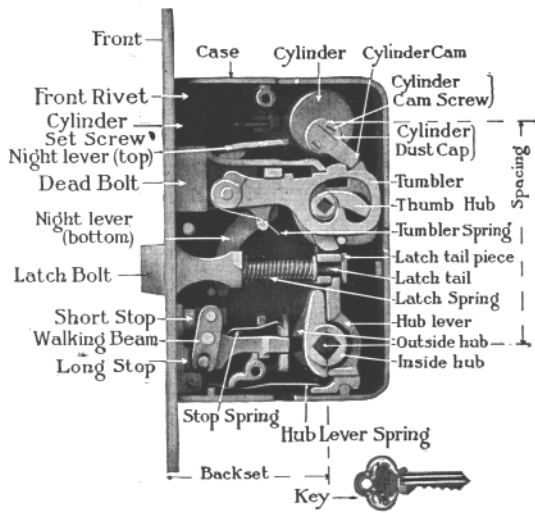
Parts of Corbin Locks



Type A



Type D



Cylinder Front Door Lock

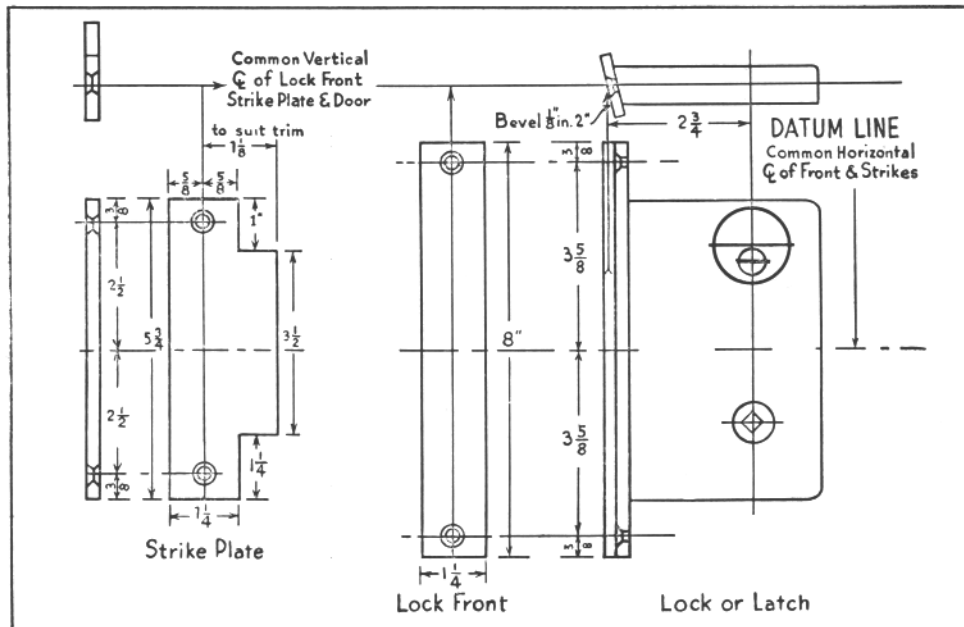
Corbin Locks illustrated, with the names of the various parts indicated and the terms "spacing" and "backset" graphically defined.



Standardized Template Cylinder Locks

149

FOR HOLLOW METAL DOORS



HEAVY DUTY SERIES — 7300, 7500, 7700, 7900

All locks of this series have standardized front 8 x 1 1/4 in. adjustable from flat to standard bevel 1/8 in. in 2 in. with minimum thickness of 7/32 in. Strike has a standard size of 5 3/4 x 1 1/4 in. with lip standard height 3 1/2 in. Lock fronts and strikes furnished with 1/2 in. 12 x 24 machine screws. Standardized locks in heavy duty series can also be furnished with front 8 x 1 1/8 in. adjustable from flat to standard bevel 1/8 in. in 2 in. Strike 5 x 1 1/8 in.

NOTE:—When furnished in the 1 1/8 in. series, center line of strike is raised 1/16 in. from center line of front. For detail information see pages: 153, 159.

STANDARD DUTY SERIES — 7000, 7200, 7400, 7600

All locks of this series have standardized front 8 x 1 1/16 in. adjustable from flat to standard bevel 1/8 in. in 2 in. with minimum thickness of 7/32 in. Strike has a standard size of 5 3/4 x 1 1/4 in. with lip standard height 3 1/2 in. Lock fronts and strikes furnished with 1/2 in. 12 x 24 machine screws. This series can also be furnished with strike 5 x 1 1/8 in.

NOTE:—When strike is furnished in the 1 1/8 in. series center line is raised 1/16 in. from center line of front.

INDEX TO LOCKS AVAILABLE IN THESE SERIES

HEAVY DUTY

- 7300 SERIES WITH PLAIN LATCH BOLT 9/16 IN. THROW—REGULAR DEAD BOLT 5/8 IN. THROW. SEE PAGE 159
- 7500 SERIES WITH ANTI-FRICTION LATCH BOLT 5/8 IN. THROW—REGULAR DEAD BOLT 5/8 IN. THROW. SEE PAGE 159
- 7700 SERIES SAME AS 7300 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS. SEE PAGE 159
- 7900 SERIES SAME AS 7500 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS. SEE PAGE 159

STANDARD DUTY

- 7000 SERIES WITH PLAIN LATCH BOLT 9/16 IN. THROW—REGULAR DEAD BOLT 5/8 IN. THROW. SEE PAGE 153
- 7200 SERIES WITH ANTI-FRICTION LATCH BOLT 5/8 IN. THROW—REGULAR DEAD BOLT 5/8 IN. THROW. SEE PAGE 153
- 7400 SERIES SAME AS 7000 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS. SEE PAGE 153
- 7600 SERIES SAME AS 7200 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS. SEE PAGE 153

The above standardization applies to locks most generally used for template work but locks and latches not included in this plan can also be furnished to template with machine screws. See following page.

We recommend the use of the standardized line for template work where the desired function can be secured.



INDEX TO LOCKS, NOT STANDARDIZED, FURNISHED TO TEMPLATE WITH
FRONT AS CATALOGUED AND STRIKES $5\frac{3}{4}$ x $1\frac{1}{4}$ IN. OR 5 x $1\frac{1}{8}$ IN.

No.	See Page	Type of Lock
180	168	Exit Bolt Latch
185	168	Exit Bolt Latch
5372	166	Apartment or Public Bldg.
5683	169	Exit Bolt Lock
5683 $\frac{1}{2}$	169	Exit Bolt Lock
5683 $\frac{3}{4}$	169	Exit Bolt Lock
5584	170	Exit Bolt Lock
5585	170	Exit Bolt Lock
5784	170	Exit Bolt Lock
5785	170	Exit Bolt Lock
5111	183	Dead Lock
5112	183	Dead Lock
5113	183	Dead Lock
5211	183	Dead Lock
5212	183	Dead Lock
5213	183	Dead Lock
5192	185	Mortise Night Latch
5193	185	Mortise Night Latch
5592	185	Mortise Night Latch
5593	185	Mortise Night Latch
5597	185	Mortise Night Latch
5598	185	Mortise Night Latch
123	182	Bit Key Dead Lock
132	182	Bit Key Dead Lock
133	182	Bit Key Dead Lock
685 $\frac{3}{4}$	174	Bit Key Knob Lock
364	174	Bit Key Knob Lock
365	175	Bit Key Knob Lock
383	175	Bit Key Knob Lock
303	176	Bit Key Knob Lock
203	176	Bit Key Bathroom Lock
274	177	Bit Key School House Lock
274A	177	Bit Key School House Lock
159 $\frac{1}{2}$	178	Bathroom Lock
159 $\frac{3}{4}$	178	Communicating Lock
29	179	Knob Latch
90	180	Knob Latch



The 7000 Line of Standardized Mortise Locks

These locks offer many advantages to the dealer, architect, contractor and owner of the building.

Whenever specified they assure the same uniform quality throughout the building.

Change in swing of door will not add to the cost of hardware as they are completely reversible.

Alterations to suit new tenants after building is in use, will not present a problem as all functions are interchangeable in the same mortise.

Two-lines—Standard and Heavy Duty.

Standard line with fronts $8 \times 1\frac{1}{16}$ in. for doors not less than $1\frac{3}{8}$ in. thick, with uniform size of case for all locks making them interchangeable in the same mortise. See pages 153 to 158.

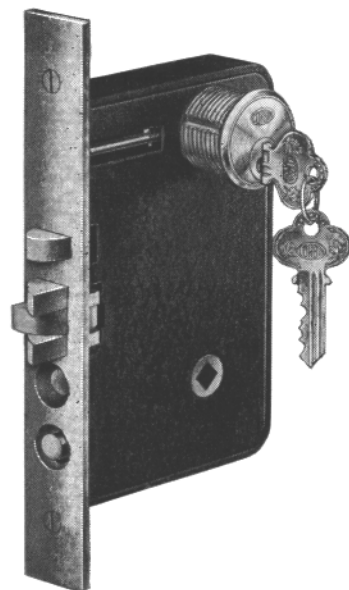
Heavy Duty line with fronts $8 \times 1\frac{1}{4}$ in. for doors not less than $1\frac{3}{4}$ in. thick, with uniform size of case for all locks making them interchangeable in the same mortise. Also furnished with fronts $8 \times 1\frac{1}{8}$ in. and strikes $5 \times 1\frac{1}{8}$ in. for hollow metal doors and frames. See pages 159 to 164.

Dimensions of Heavy Duty locks conform to standards adopted for hollow metal door manufacturers. See page 159.

Fronts—All locks with armored fronts for added security. Fronts are adjustable from flat front to standard bevel $\frac{1}{8}$ in. in 2 in.

Reversible—All locks are completely reversible, whether with plain or anti-friction latch bolt or with auxiliary latch, or beveled front.

However on contract work if hand of door and bevel are specified, locks will leave the factory set up to meet these requirements.



Latch Bolts—Extra heavy, long throw cast bronze. Plain latch $\frac{9}{16}$ in. throw. Anti-friction latch $\frac{5}{8}$ in. throw. Compression Spring.

Dead Bolts—Extra heavy, cast bronze. Regular dead bolt $\frac{5}{8}$ in. throw. Also available 1 in. throw with hardened steel inserts.

Hubs—Forged brass for endurance and long operation. Spring is coil torsion type.

Balanced Knob Action—Equal pressure on knob in either direction reduces strain on working parts and assures easy operation.

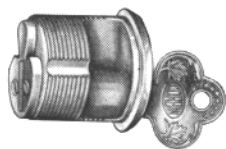
Interior Parts—All interior operating levers are made from heavy gauge cold formed steel for strength and durability.

All Functions—Every desired standard lock function available.

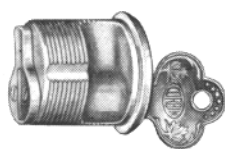
Two Backsets— $2\frac{1}{2}$ in. or $2\frac{3}{4}$ in. backset available in either line.



The 7000 Line of Standardized Mortise Locks



263



253

Cylinders—Standard and Heavy Duty with No. 263 excepting Class Room Locks Nos. 7035, 7235, 7055, 7255, 7335, 7535, 7355 and 7555 which have cylinders No. 253.

Hotel Locks Nos. 7027, 7227, 7427, 7627, 7327, 7527, 7727 and 7927 which takes cylinder No. 263 special to suit keying.

Locks Nos. 7034, 7234, 7054, 7254, 7334, 7534, 7354 and 7554 require cylinder with pin to prevent inserting too far into case. When cylinders only required for these locks specify lock number.



701



711



721

Strikes—Wrought brass, bronze or aluminum. $5\frac{3}{4} \times 1\frac{1}{4} \times \frac{3}{32}$ in., lip $1\frac{1}{4}$ in. to center.

Also furnished $5 \times 1\frac{1}{8}$ in. when so ordered.

No.

701 For locks with latch bolt only.

711 For locks with dead bolt only.

721 For locks with both latch bolt and dead bolt.

727 Open back strike can be furnished when so ordered. See page 116, type of 606.



Strike for
Rabbeted
Locks



Rabbeted
Lock
applied



Rim piece
for Rabbeted
doors

Rabbeted Doors—Heavy Duty lines only Series 7300 and 7500 can be furnished for rabbeted doors with $\frac{1}{2}$ in. rabbet. In ordering suffix **Rab.** to lock number, thus: 7343**Rab.**, 7551**Rab.** etc.

The rabbet of the door is cut to receive a rim piece $9\frac{1}{4}$ in. long, $\frac{5}{8}$ in. wide and $\frac{1}{2}$ in. thick, which is inserted in the cut on top of the lock front.

The strike for these rabbeted locks is not reversible. State hand.

7000 Line of Mortise Locks

153

Standard Duty for Door at least $1\frac{3}{8}$ in. thick. Front $8 \times 1\frac{1}{16}$ in.

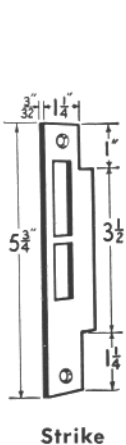
Backset: Regular $2\frac{1}{2}$ in., Special $2\frac{3}{4}$ in. Reversible.

7000 SERIES WITH PLAIN LATCH BOLT $\frac{5}{16}$ IN. THROW—REGULAR DEAD BOLT $\frac{5}{8}$ IN. THROW.

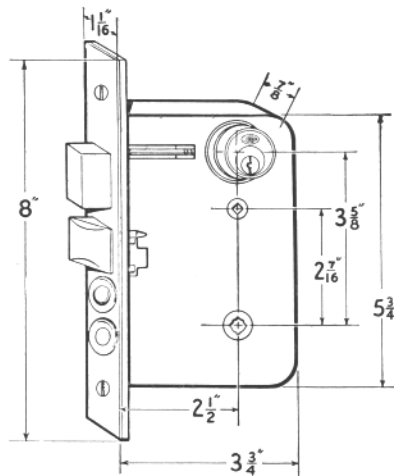
7200 SERIES WITH ANTI-FRICTION LATCH BOLT $\frac{5}{8}$ IN. THROW—REGULAR DEAD BOLT $\frac{5}{8}$ IN. THROW.

7400 SERIES SAME AS 7000 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS.

7600 SERIES SAME AS 7200 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS.

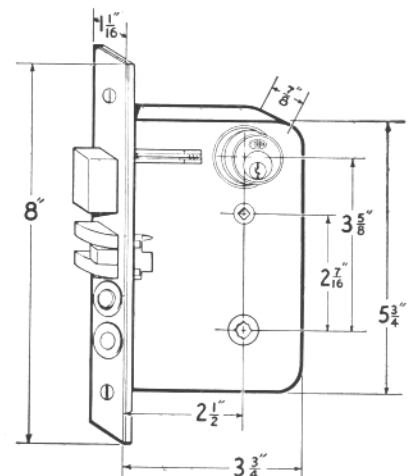


Strike



7000 SERIES

PLAIN LATCH BOLT



7200 SERIES

ANTI-FRICTION LATCH BOLT

Case Cast Iron, Green Wrinkle Lacquer Finish, size $5\frac{3}{4} \times 3\frac{3}{4} \times \frac{7}{8}$ in.

Armored Front ... Front forged Brass $8 \times 1\frac{1}{16} \times \frac{7}{32}$ in. with armored scalp Wrought Brass, Bronze or Aluminum. Front can be adjusted from flat front to standard bevel $\frac{1}{8}$ in. in 2 in.—any hand.

Backset $2\frac{1}{2}$ in. regular—special $2\frac{3}{4}$ in. Width of case is $1\frac{1}{4}$ in. more than backset.

Spacing Center of Knob to center of cylinder $3\frac{5}{8}$ in.
Center of Knob to center of thumb knob $2\frac{7}{16}$ in.

Latch Bolts Cast Bronze. Plain $\frac{5}{8} \times 1$ in. $\times \frac{5}{16}$ in. throw.
Anti-friction $\frac{5}{8} \times 1$ in. $\times \frac{5}{8}$ in. throw.

Dead Bolts Cast Bronze. Regular—Plain— $1\frac{9}{32} \times 1\frac{1}{4}$ in. $\times \frac{5}{8}$ in. throw.
With hardened steel inserts $1\frac{9}{32} \times 1\frac{1}{4}$ in. $\times 1$ in. throw.

Hubs Forged Brass $\frac{3}{8} \times \frac{5}{16}$ in. swivel or $\frac{5}{16}$ in. to suit lock.

Springs TS—compression and coiled torsion.

Strikes Wrought Brass, Bronze or Aluminum, $5\frac{3}{4}$ in. $\times 1\frac{1}{4}$ in. $\times \frac{3}{32}$ in. thick.
Lip, $1\frac{1}{4}$ in. to center.

Cylinders No. **263** Brass or Bronze for all except Locks Nos. **7035**, **7055**, **7235** and **7255** which take cylinder No. **253** and locks Nos. **7027**, **7227**, **7427** and **7627** which take cylinder No. **263** special to suit keying.

Keys Two Nickel Silver keys Class **77** to each lock. Master key Class **077**.

For the different functions available, see following pages.

Specify finish. See pages 1 and 2.



7000 Line of Mortise Locks

Standard Duty for Doors at least 1 $\frac{3}{8}$ in. thick. Front 8 x 1 $\frac{1}{16}$ in.Backset: Regular 2 $\frac{1}{2}$ in., Special 2 $\frac{3}{4}$ in. Reversible.7000 SERIES WITH PLAIN LATCH BOLT $\frac{5}{16}$ IN. THROW—REGULAR DEAD BOLT $\frac{5}{8}$ IN. THROW.7200 SERIES WITH ANTI-FRICTION LATCH BOLT $\frac{5}{8}$ IN. THROW—REGULAR DEAD BOLT $\frac{5}{8}$ IN. THROW.

7400 SERIES SAME AS 7000 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS.

7600 SERIES SAME AS 7200 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS.

For Communicating Doors

Nos. 7000 and 7200 Latch Bolt operated by Knobs from either side.

Split Dead Bolt operated by Thumb Knobs from both sides; each locking against opposite side.

Dead Locks For Storage Rooms, Closet

Nos. 7011 and 7411 Dead Bolt operated by Key from outside only.

Dead Locks For Store Doors, Entrance Doors, Storage Rooms, etc.

Nos. 7012 and 7412 Dead Bolt operated by Key from either side.

Nos. 7013 and 7413 Dead Bolt operated by Key from the outside and by Thumb Knob from the inside.

For Bathroom or Toilet Doors

Nos. 7020 and 7220 Latch Bolt operated by Knobs from either side.

Dead Bolt operated by Thumb Knob from inside only. Can be furnished to operate by Emergency Key from outside when so ordered.

For Storage Rooms, Closet Doors

Nos. 7021, 7221, 7421 and 7621 Latch Bolt operated by Knob from either side.

Dead Bolt operated by Key from outside only.

For Entrance Doors, Store Doors, Communicating Doors

Nos. 7022, 7222, 7422 and 7622 Latch Bolt operated by Knobs from either side.

Dead Bolt operated by Key from either side.

For Entrance Doors, Store Doors, Storage Rooms, etc.

Nos. 7023, 7223, 7423 and 7623 Latch Bolt operated by Knobs from either side.

Dead Bolt operated by Key from the outside and by Thumb Knob from the inside.

For further description, dimensions, etc., see page 153.

Special Purpose LockNos. 7023 $\frac{1}{4}$, 7223 $\frac{1}{4}$ same as Nos. 7023, etc., except that thumb knob will retract dead bolt from inside but will not project it.**Special Purpose Locks**

Nos. 7025, 7225, 7425 and 7625 Latch Bolt by Key from the outside and Knob from the inside. Outside Knob always rigid.

Dead Bolt operated by Key from the outside and Thumb Knob from the inside.

For Hotel Corridor Doors

Nos. 7027, 7227, 7427 and 7627 Latch Bolt operated by Knob from the inside and by Guest Key, Master Key and Grand Master Key from the outside except when Dead Bolt is projected from the inside. Outside Knob always rigid.

The Dead Bolt is operated by Thumb Knob only from the inside. When Dead Bolt is projected by Thumb Knob from the inside all Keys except Display Key and Emergency Key are inoperative.

Furnished with Display Key and Emergency Key which are operative at all times and which act as a Shutout Key against all other Keys. Can be furnished with Button Indicator.

Special Purpose Locks

Nos. 7042, 7242, 7442 and 7642 Latch Bolt operated by Key from the outside at all times and by Knobs from either side except when outside Knob is locked by Stop in Face.

Dead Bolt operated by Key from either side.

For Entrance and Apartment Doors

Nos. 7043, 7243, 7443 and 7643 Latch Bolt operated by Key from outside at all times and by Knob from either side except when outside Knob is locked by Stop in Face.

Dead Bolt operated by Key from outside and by Thumb Knob from the inside.

Specify finish. See pages 1 and 2.



7000 Line of Mortise Locks

155

Standard Duty for Doors at least 1 $\frac{3}{8}$ in. thick. Front 8 x 1 $\frac{1}{16}$ in.

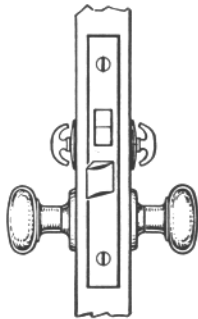
Backset: Regular 2 $\frac{1}{2}$ in., Special 2 $\frac{3}{4}$ in. Reversible.

7000 SERIES WITH PLAIN LATCH BOLT $\frac{9}{16}$ IN. THROW—REGULAR DEAD BOLT $\frac{5}{8}$ IN. THROW.

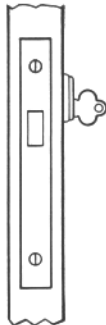
7200 SERIES WITH ANTI-FRICTION LATCH BOLT $\frac{5}{8}$ IN. THROW—REGULAR DEAD BOLT $\frac{5}{8}$ IN. THROW.

7400 SERIES SAME AS 7000 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS.

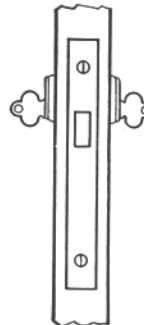
7600 SERIES SAME AS 7200 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS.



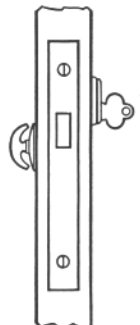
7000 Plain Latch
7200 Anti-Friction Latch



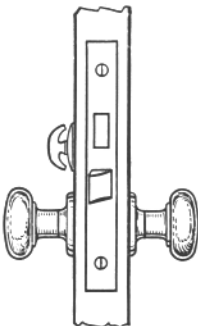
7011, 7411



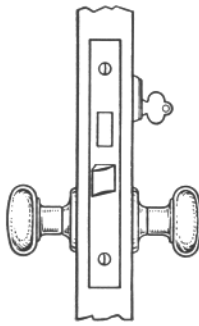
7012, 7412



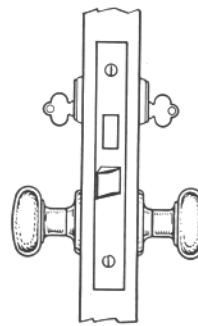
7013, 7413



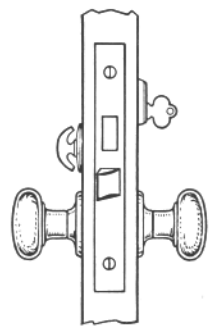
7020 Plain Latch
7220 Anti-Fric. Latch



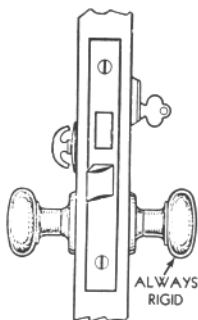
7021 Plain Latch 7421
7221 Anti-Fric. Latch 7621



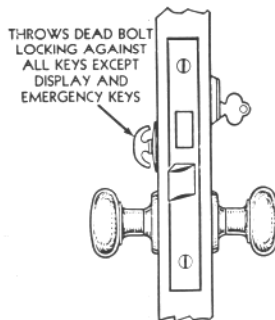
7022 Plain Latch 7422
7222 Anti-Fric. Latch 7622



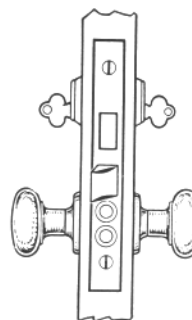
7023 Plain Latch 7423
7223 Anti-Fric. Latch 7623
7023 $\frac{1}{4}$, etc.



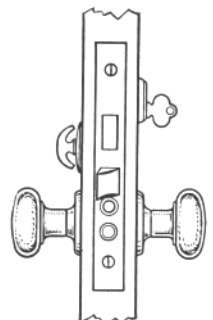
7025 Plain Latch 7425
7225 Anti-Fric. Latch 7625



7027 Plain Latch 7427
7227 Anti-Fric. Latch 7627



7042 Plain Latch 7442
7242 Anti-Fric. Latch 7642



7043 Plain Latch 7443
7243 Anti-Fric. Latch 7643

Specify finish. See pages 1 and 2.



7000 Line of Mortise Locks

Standard Duty for Doors at least 1 $\frac{3}{8}$ in. thick. Front 8 x 1 $\frac{1}{16}$ in.

Backset: Regular 2 $\frac{1}{2}$ in., Special 2 $\frac{3}{4}$ in. Reversible.

7000 SERIES WITH PLAIN LATCH BOLT

7200 SERIES WITH ANTI-FRICTION LATCH BOLT

Latch For Passage and Closet Doors

Nos. 7010 and 7210 Latch Bolt operated by Knob from either side at all times.

For Office and Vestibule Doors

Nos. 7031 and 7231 Latch Bolt operated by Key from outside at all times and by Knobs from either side except when outside Knob is locked by Stop in Face.

For Conference Rooms, Dark Rooms, etc.

Nos. 7033 and 7233 Latch Bolt operated by Knobs from either side except when outside Knob is locked by Stop in Face and by Key from outside except when Thumb Knob inside has been turned, dead locking Latch Bolt and making all Keys inoperative.

For Office and Apartment Vestibule Entrance Doors, Rest Rooms, etc.

Nos. 7034 and 7234 Latch Bolt operated by Key from outside at all times and by Knobs from either side except when outside Knob is locked from inside by Master Key only unless otherwise specified.

For Classroom Doors

Nos. 7035 and 7235 Latch Bolt by Knobs from either side except when outside Knob is locked by Key from outside. Inside Knob always operative.

For Storage Rooms, Closets

Nos. 7037 and 7237 Latch Bolt operated by Key from the outside and Knob from the inside. Outside Knob always rigid.

For Office and Vestibule Doors

Nos. 7051 and 7251 Latch Bolt operated by Key from outside at all times and by Knobs from either side except when outside Knob is locked by Stop in Face.
*Has Auxiliary Latch.

For Office and Apartment Vestibule Entrance Doors, Rest Rooms

Nos. 7054 and 7254 Latch Bolt operated by Key from outside at all times and by Knobs from either side except when outside Knob is locked from inside by Master Key only unless otherwise specified.
*Has Auxiliary Latch.

For Classroom Doors

Nos. 7055 and 7255 Latch Bolt by Knobs from either side except when outside Knob is locked by Key from outside. Inside Knob always operative.
*Has Auxiliary Latch.

For Storage Rooms, Closets, etc.

Nos. 7057 and 7257 Latch Bolt by Key from the outside and Knob from the inside. Outside Knob always rigid.
*Has Auxiliary Latch.

For further descriptions, dimensions, etc., see page 153.

*Auxiliary Latch automatically Dead Locks the Latch Bolt so that it cannot be forced back by end pressure when the door is closed.

Specify finish. See pages 1 and 2.



7000 Line of Mortise Locks

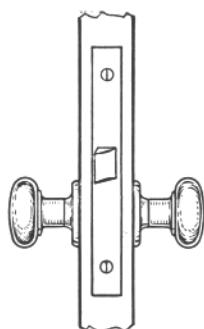
157

Standard Duty for Doors at least 1 $\frac{3}{8}$ in. thick. Front 8 x 1 $\frac{1}{16}$ in.

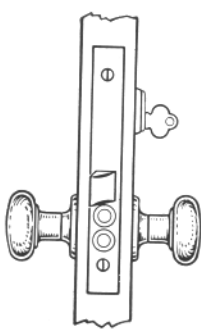
Backset: Regular 2 $\frac{1}{2}$ in., Special 2 $\frac{3}{4}$ in. Reversible.

7000 SERIES WITH PLAIN LATCH BOLT

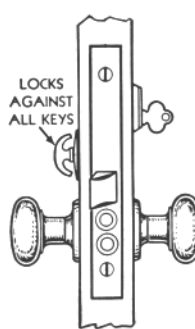
7200 SERIES WITH ANTI-FRICTION LATCH BOLT



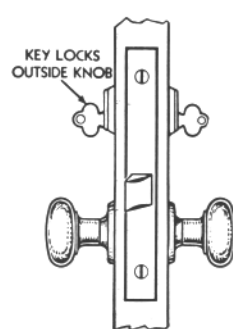
7010 Plain Latch
7210 Anti-Fric. Latch



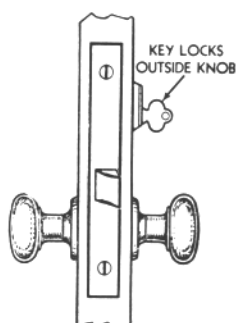
7031 Plain Latch
7231 Anti-Fric. Latch



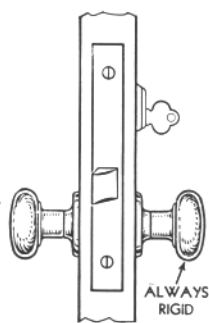
7033 Plain Latch
7233 Anti-Fric. Latch



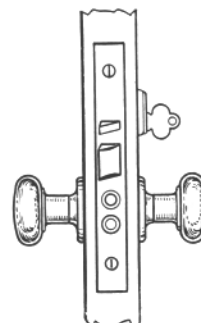
7034 Plain Latch
7234 Anti-Fric. Latch



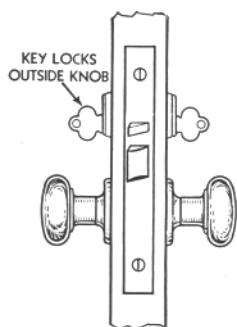
7035 Plain Latch
7235 Anti-Fric. Latch



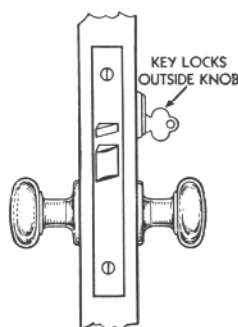
7037 Plain Latch
7237 Anti-Fric. Latch



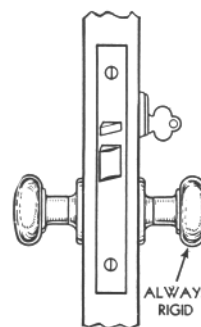
7051 Plain Latch
7251 Anti-Fric. Latch



7054 Plain Latch
7254 Anti-Fric. Latch



7055 Plain Latch
7255 Anti-Fric. Latch



7057 Plain Latch
7257 Anti-Fric. Latch

Specify finish. See pages 1 and 2.

7000 Line of Mortise Locks

Standard Duty for use with Entrance Handles on Doors at least 1 $\frac{3}{8}$ in. thick

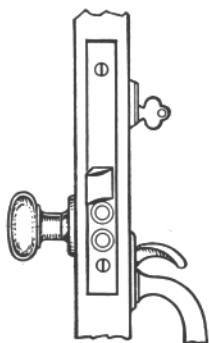
Front 8x1 $\frac{1}{16}$ in.—Reversible—Backset: Regular 2 $\frac{1}{2}$ in., Special 2 $\frac{3}{4}$ in.

7000 SERIES WITH PLAIN LATCH BOLT $\frac{5}{16}$ IN. THROW. REGULAR DEAD BOLT $\frac{5}{8}$ IN. THROW.

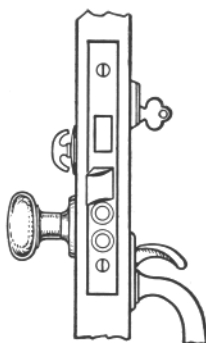
7200 SERIES WITH ANTI-FRICTION LATCH BOLT $\frac{5}{8}$ IN. THROW. REGULAR DEAD BOLT $\frac{5}{8}$ IN. THROW.

7400 SERIES SAME AS 7000 EXCEPT THAT DEAD BOLT HAS 1 IN. THROW AND HARDENED STEEL INSERTS.

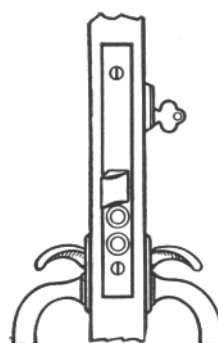
7600 SERIES SAME AS 7200 EXCEPT THAT DEAD BOLT HAS 1 IN. THROW AND HARDENED STEEL INSERTS.



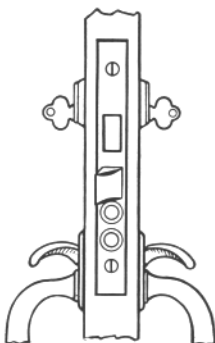
7047 Plain Latch
7247 Anti-Fric. Latch



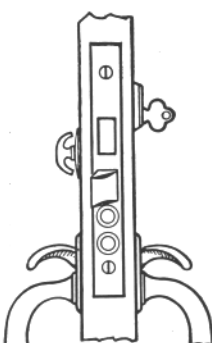
7048 Plain Latch 7448
7248 Anti-Fric. Latch 7648



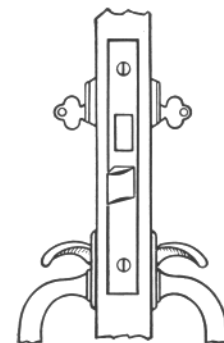
7071 Plain Latch
7271 Anti-Fric. Latch



7072 Plain Latch 7472
7272 Anti-Fric. Latch 7672



7073 Plain Latch 7473
7273 Anti-Fric. Latch 7673



7088 Plain Latch 7488
7288 Anti-Fric. Latch 7688

For Residence and Apartment Vestibule Doors

Nos. 7047 and 7247 Latch Bolt operated by thumb piece from outside, except when thumb piece is locked by stops in face, and by knob from the inside and key from the outside at all times.

For Residence and Apartment Entrance Doors

Nos. 7048, 7248, 7448 and 7648 Latch bolt operated by thumb piece from the outside except when thumb piece is locked by stops in face and by knob from the inside and key from the outside at all times.

Dead bolt by key from the outside and thumb knob from the inside.

For Apartment and Public Building Vestibule Doors

Nos. 7071 and 7271 Latch bolt operated by key from the outside at all times and by thumb piece from either side except when outside thumb piece is locked by stops in face.

For further descriptions, dimensions, etc., see page 153.

For Apartment and Public Building Entrance Doors

Nos. 7072, 7272, 7472 and 7672 Latch bolt operated by key from the outside at all times and by thumb piece from either side, except when outside thumb piece is locked by stops in face.

Dead bolt by key from either side.

For Apartment and Public Building Entrance Doors

Nos. 7073, 7273, 7473 and 7673 Latch bolt operated by key from the outside at all times and by thumb piece from either side, except when outside thumb piece is locked by stops in face.

Dead bolt by key from the outside and thumb knob from the inside.

For Store Doors and Entrance Doors for Public Buildings

Nos. 7088, 7288, 7488 and 7688 Latch bolt operated by thumb piece from either side.

Dead bolt by key from either side.

Specify finish. See pages 1 and 2.



7000 Line of Mortise Locks

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Rev. 6-1-57

Heavy Duty for Doors at least 1 3/4 in. thick. *Front 8 x 1 1/4 in.

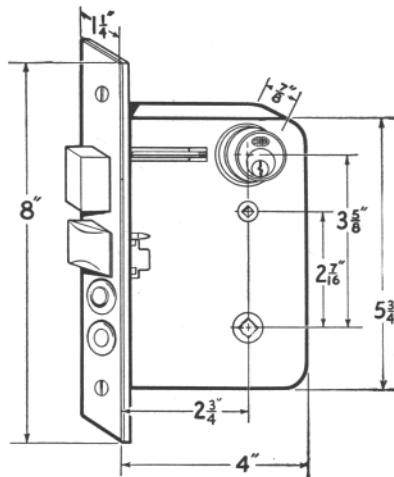
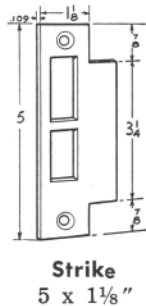
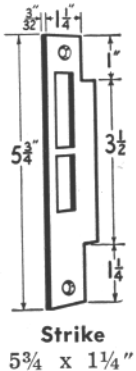
Backset: Regular 2 3/4 in., Special 2 1/2 in. Reversible.

7300 SERIES WITH PLAIN LATCH BOLT 5/16 IN. THROW—REGULAR DEAD BOLT 5/8 IN. THROW.

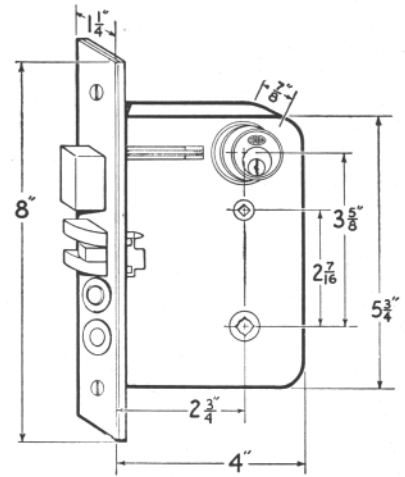
7500 SERIES WITH ANTI-FRICTION LATCH BOLT 5/8 IN. THROW—REGULAR DEAD BOLT 5/8 IN. THROW.

7700 SERIES SAME AS 7300 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS.

7900 SERIES SAME AS 7500 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS.



7300 SERIES
PLAIN LATCH BOLT



7500 SERIES
ANTI-FRICTION LATCH BOLT

Case Cast Iron, Green Wrinkle Lacquer finish, size 5 3/4 x 4 x 7/8 in.

***Armored Front** .. Front Forged Brass 8 x 1 1/4 x 7/32 in. with armored scalp Wrought Brass, Bronze or Aluminum. Front can be adjusted from flat front to standard bevel 1/8 in. in 2 in.—any hand.

Backset Regular 2 3/4 in. Special 2 1/2 in. width of Case, 1 1/4 in. more than backset.

Spacing Center of knob to center of cylinder 3 5/8 in.
Center of knob to center of thumb knob 2 7/16 in.

Latch Bolts Cast Bronze, Plain, 5/8 x 1 in. x 9/16 in. throw.
Anti-Friction 5/8 x 1 in. x 5/8 in. throw.

Dead Bolts Cast Bronze, Regular—plain 1 9/32 x 1 1/4 in. by 5/8 in. throw.
With hardened steel inserts 1 9/32 x 1 1/4 in. x 1 in. throw.

Hubs Forged Brass, 3/8 x 5/16 in. swivel or 5/16 in. to suit lock.

Springs TS—compression and coiled torsion.

***Strikes** Wrought Brass, Bronze or Aluminum, 5 3/4 x 1 1/4 in. x 3/32 in. thick. Lip 1 1/4 in. to center.

Cylinders No. 263 Brass or Bronze, for all except locks Nos. 7335, 7355, 7535 and 7555 which take cylinder No. 253 and locks 7327, 7527, 7727 and 7927 which take cylinder 263 special to suit keying.

Keys Two Nickel Silver keys Class 77 to each lock. Master key Class 077.

Dimensions conform to standards adopted for hollow metal door manufacturers. See page 149.

For the different functions available see following pages.

Heavy duty locks can be furnished rabbeted front in ordering, affix **RAB.** to number, thus: **7343RAB.** Regular backset 2 3/4 in. short side; special backset 2 1/2 in. short side. 1/2 inch rabbet. Strikes for rabbeted locks not reversible, state hand.

*Can be furnished with front 8 x 1 1/8 in. and strike 5 x 1 1/8 in. For hollow metal doors and frames when so ordered.

Specify finish. See pages 1 and 2.



7000 Line of Mortise Locks

Heavy Duty for Doors at least 1 3/4 in. thick. *Front 8 x 1 1/4 in.

Backset: Regular 2 3/4 in., Special 2 1/2 in. Reversible.

7300 SERIES WITH PLAIN LATCH BOLT 5/16 IN. THROW—REGULAR DEAD BOLT 5/8 IN. THROW.

7500 SERIES WITH ANTI-FRICTION LATCH BOLT 5/8 IN. THROW—REGULAR DEAD BOLT 5/8 IN. THROW.

7700 SERIES SAME AS 7300 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS.

7900 SERIES SAME AS 7500 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS.

For Communicating Doors

Nos. 7300 and 7500 Latch Bolt operated by Knobs from either side.

Split Dead Bolt operated by Thumb Knobs from both sides; each locking against opposite side.

Dead Locks For Storage Rooms, Closet

Nos. 7311 and 7711 Dead Bolt operated by Key from outside only.

Dead Locks For Store Doors, Entrance Doors, Storage Rooms, etc.

Nos. 7312 and 7712 Dead Bolt operated by Key from either side.

Nos. 7313 and 7713 Dead Bolt operated by Key from the outside and by Thumb Knob from the inside.

For Bathroom or Toilet Doors

Nos. 7320 and 7520 Latch Bolt operated by Knobs from either side.

Dead Bolt operated by Thumb Knob from inside only. Can be furnished to operate by Emergency Key from outside when so ordered.

For Storage Rooms, Closet Doors

Nos. 7321, 7521, 7721 and 7921 Latch Bolt operated by Knob from either side.

Dead Bolt operated by Key from outside only.

For Entrance Doors, Store Doors, Communicating Doors

Nos. 7322, 7522, 7722 and 7922 Latch Bolt operated by Knobs from either side.

Dead Bolt operated by Key from either side.

For Entrance Doors, Store Doors, Storage Rooms, etc.

Nos. 7323, 7523, 7723 and 7923 Latch Bolt operated by Knobs from either side.

Dead Bolt operated by Key from the outside and by Thumb Knob from the inside.

Special Purpose Lock

Nos. 7323 1/4, 7523 1/4 same as Nos. 7323, etc., except that thumb knob will retract dead bolt from inside but will not project it.

Special Purpose Locks

Nos. 7325, 7525, 7725 and 7925 Latch Bolt by Key from the outside and Knob from the inside. Outside Knob always rigid.

Dead Bolt operated by Key from the outside and Thumb Knob from the inside.

For Hotel Corridor Doors

Nos. 7327, 7527, 7727 and 7927 Latch Bolt operated by Knob from the inside and by Guest Key, Master Key and Grand Master Key from the outside except when Dead Bolt is projected from the inside. Outside Knob always rigid.

The Dead Bolt is operated by Thumb Knob only from the inside. When Dead Bolt is projected by Thumb Knob from the inside all Keys except Display Key and Emergency Key are inoperative.

Furnished with Display Key and Emergency Key which are operative at all times and which act as a Shutout against all other Keys. Can be furnished with Button Indicator.

Special Purpose Locks

Nos. 7342, 7542, 7742 and 7942 Latch Bolt operated by Key from the outside at all times and by Knobs from either side except when outside Knob is locked by Stop in Face.

Dead Bolt operated by Key from either side.

For Entrance and Apartment Doors.

Nos. 7343, 7543, 7743 and 7943 Latch Bolt operated by Key from outside at all times and by Knob from either side except when outside Knob is locked by Stop in Face.

Dead Bolt operated by Key from outside and by Thumb Knob from the inside.

*Can be furnished with front 8 x 1 1/8 in. and strike 5 x 1 1/8 in. for hollow metal doors and frames when so ordered. For further description, dimensions, etc., see page 159.

Specify finish. See pages 1 and 2.



7000 Line of Mortise Locks

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Heavy Duty for Doors at least 1 3/4 in. thick. *Front 8 x 1 1/4 in.

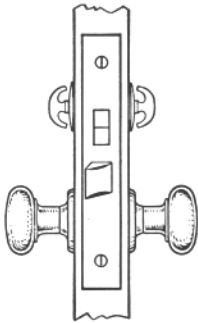
Backset: Regular 2 3/4 in., Special 2 1/2 in. Reversible.

7300 SERIES WITH PLAIN LATCH BOLT 9/16 IN. THROW—REGULAR DEAD BOLT 5/8 IN. THROW.

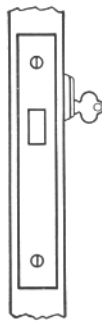
7500 SERIES WITH ANTI-FRICTION LATCH BOLT 5/8 IN. THROW—REGULAR DEAD BOLT 5/8 IN. THROW.

7700 SERIES SAME AS 7300 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS.

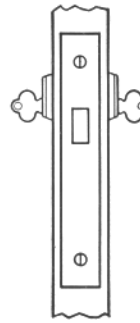
7900 SERIES SAME AS 7500 EXCEPT DEAD BOLT HAS 1 IN. THROW WITH HARDENED STEEL INSERTS.



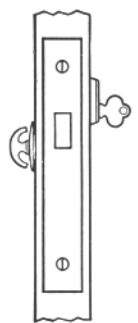
7300 Plain Latch
7500 Anti-Fric. Latch



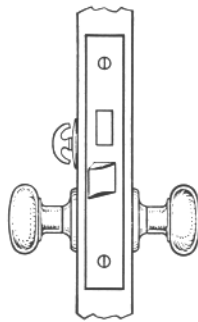
7311, 7711



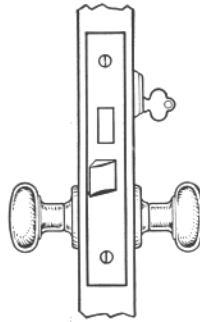
7312, 7712



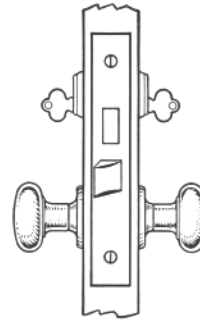
7313, 7713



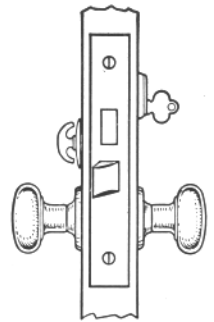
7320 Plain Latch
7520 Anti-Fric. Latch



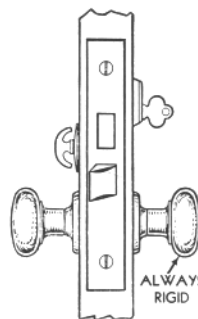
7321 Plain Latch 7721
7521 Anti-Fric. Latch 7921



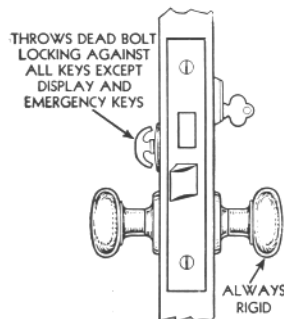
7322 Plain Latch 7722
7522 Anti-Fric. Latch 7922



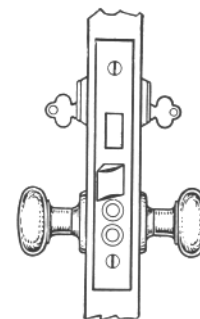
7323 Plain Latch 7723
7523 Anti-Fric. Latch 7923
7323 1/4, etc.



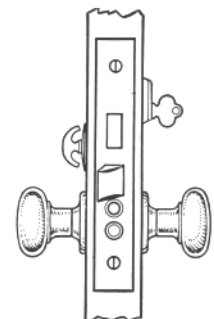
7325 Plain Latch 7725
7525 Anti-Fric. Latch 7925



7327 Plain Latch 7727
7527 Anti-Fric. Latch 7927



7342 Plain Latch 7742
7542 Anti-Fric. Latch 7942



7343 Plain Latch 7743
7543 Anti-Fric. Latch 7943

*Can be furnished with front 8 x 1 1/4 in. and strike 5 x 1 1/4 in. for hollow metal doors and frames when so ordered.

Specify finish. See pages 1 and 2.



7000 Line of Mortise Locks

Heavy Duty for Doors at least 1¾ in. thick. †Front 8 x 1¼ in.

Backset: Regular 2¾ in., Special 2½ in. Reversible.

7300 SERIES WITH PLAIN LATCH BOLT

7500 SERIES WITH ANTI-FRICTION LATCH BOLT

Latch For Passage and Closet Doors

Nos. 7310 and 7510 Latch Bolt operated by Knob from either side at all times.

For Office and Vestibule Doors

Nos. 7331 and 7531 Latch Bolt operated by Key from outside at all times and by Knobs from either side except when outside Knob is locked by Stop in Face.

For Conference Rooms, Dark Rooms, etc.

Nos. 7333 and 7533 Latch Bolt operated by Knobs from either side except when outside Knob is locked by Stop in Face and by Key from outside except when Thumb Knob inside has been turned, dead locking Latch Bolt and making all Keys inoperative.

For Office and Apartment Vestibule Entrance Doors, Rest Rooms, etc.

Nos. 7334 and 7534 Latch Bolt operated by Key from outside at all times and by Knobs from either side except when outside Knob is locked from inside by Master Key only unless otherwise specified.

For Classroom Doors

Nos. 7335 and 7535 Latch Bolt by Knobs from either side except when outside Knob is locked by Key from outside. Inside Knob always operative.

For further descriptions, dimensions, etc., see page 159.

*Auxiliary Latch automatically Dead Locks the Latch Bolt so that it cannot be forced back by end pressure when the door is closed.

†Can be furnished with front 8 x 1½ in. and strike 5 x 1½ in. for hollow metal doors and frames when so ordered.

For Storage Rooms, Closets

Nos. 7337 and 7537 Latch Bolt operated by Key from the outside and Knob from the inside. Outside Knob always rigid.

For Office and Vestibule Doors

Nos. 7351 and 7551 Latch Bolt operated by Key from outside at all times and by Knobs from either side except when outside Knob is locked by Stop in Face.

*Has Auxiliary Latch.

For Office and Apartment Vestibule Entrance Doors, Rest Rooms

Nos. 7354 and 7554 Latch Bolt operated by Key from outside at all times and by Knobs from either side except when outside Knob is locked from inside by Master Key only unless otherwise specified.

*Has Auxiliary Latch.

For Classroom Doors

Nos. 7355 and 7555 Latch Bolt by Knobs from either side except when outside Knob is locked by Key from outside. Inside Knob always operative.

*Has Auxiliary Latch.

For Storage Rooms, Closets, etc.

Nos. 7357 and 7557 Latch Bolt by Key from the outside and Knob from the inside. Outside Knob always rigid.

*Has Auxiliary Latch.

Specify finish. See pages 1 and 2.



7000 Line of Mortise Locks

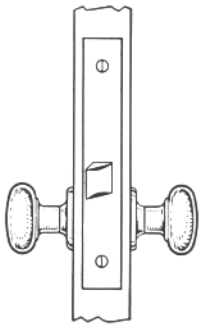
163

Heavy Duty for Doors at least 1 3/4 in. thick. *Front 8 x 1 1/4 in.

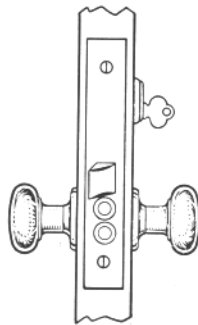
Backset: Regular 2 3/4 in., Special 2 1/2 in. Reversible.

7300 SERIES WITH PLAIN LATCH BOLT

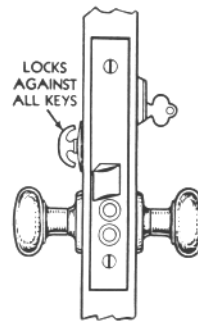
7500 SERIES WITH ANTI-FRICTION LATCH BOLT



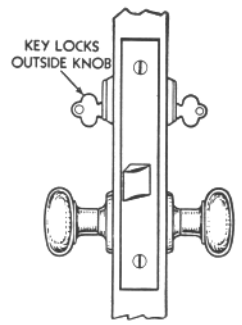
7310 Plain Latch
7510 Anti-Fric. Latch



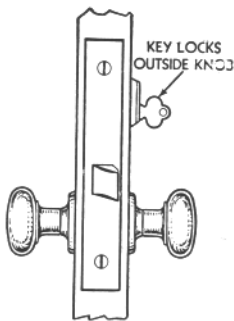
7331 Plain Latch
7531 Anti-Fric. Latch



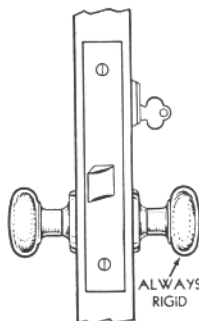
7333 Plain Latch
7533 Anti-Fric. Latch



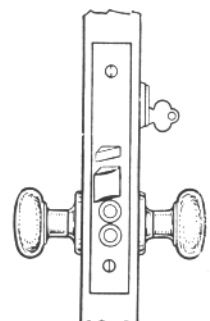
7334 Plain Latch
7534 Anti-Fric. Latch



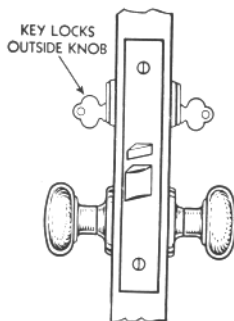
7335 Plain Latch
7535 Anti-Fric. Latch



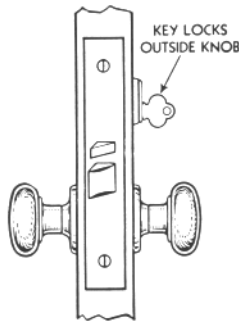
7337 Plain Latch
7537 Anti-Fric. Latch



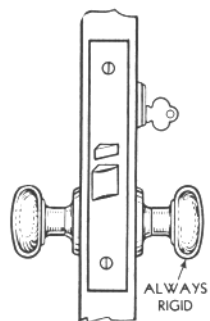
7351 Plain Latch
7551 Anti-Fric. Latch



7354 Plain Latch
7554 Anti-Fric. Latch



7355 Plain Latch
7555 Anti-Fric. Latch



7357 Plain Latch
7557 Anti-Fric. Latch

*Can be furnished with front 8 x 1 1/8 in. and strike 5 x 1 1/8 in. for hollow metal doors and frames when so ordered.

Specify finish. See pages 1 and 2.



7000 Line of Mortise Locks

Heavy Duty for use with Entrance Handles on Doors at least 1¾ in. thick

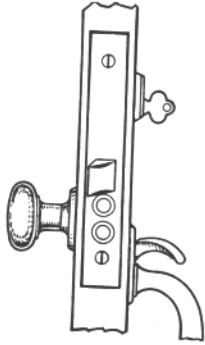
*Front 8x1¼ in.—Reversible—Backset: Regular 2¾ in., Special 2½ in.

7300 SERIES WITH PLAIN LATCH BOLT ⅝ IN. THROW. REGULAR DEAD BOLT ⅝ IN. THROW.

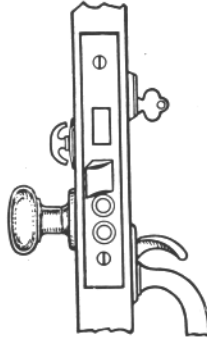
7500 SERIES WITH ANTI-FRICTION LATCH BOLT ⅝ IN. THROW. REGULAR DEAD BOLT ⅝ IN. THROW.

7700 SERIES SAME AS 7300 EXCEPT THAT DEAD BOLT HAS 1 IN. THROW AND HARDENED STEEL INSERTS.

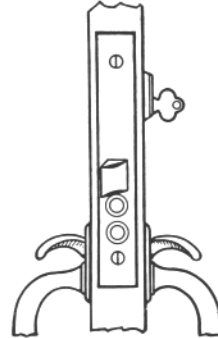
7900 SERIES SAME AS 7500 EXCEPT THAT DEAD BOLT HAS 1 IN. THROW AND HARDENED STEEL INSERTS.



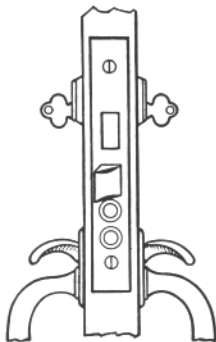
7347 Plain Latch
7547 Anti-Fric. Latch



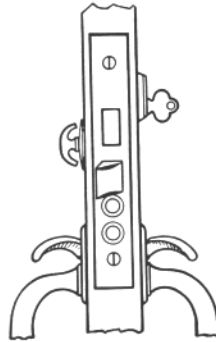
7348 Plain Latch 7748
7548 Anti-Fric. Latch 7948



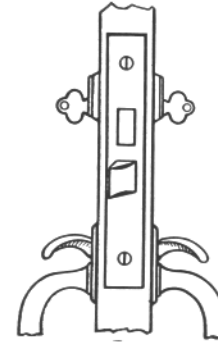
7371 Plain Latch
7571 Anti-Fric. Latch



7372 Plain Latch 7772
7572 Anti-Fric. Latch 7972



7373 Plain Latch 7773
7573 Anti-Fric. Latch 7973



7388 Plain Latch 7788
7588 Anti-Fric. Latch 7988

For Residence and Apartment Vestibule Doors

Nos. 7347 and 7547 Latch Bolt operated by thumb piece from outside, except when thumb piece is locked by stops in face, and by knob from the inside and key from the outside at all times.

For Residence and Apartment Entrance Doors

Nos. 7348, 7548, 7748 and 7948 Latch bolt operated by thumb piece from the outside except when thumb piece is locked by stops in face and by knob from the inside and key from the outside at all times.

Dead bolt by key from the outside and thumb knob from the inside.

For Apartment and Public Building Vestibule Doors

Nos. 7371 and 7571 Latch bolt operated by key from the outside at all times and by thumb piece from either side except when outside thumb piece is locked by stops in face.

For Apartment and Public Building Entrance Doors

Nos. 7372, 7572, 7772 and 7972 Latch bolt operated by key from the outside at all times and by thumb piece from either side, except when outside thumb piece is locked by stops in face.

Dead bolt by key from either side.

For Apartment and Public Building Entrance Doors

Nos. 7373, 7573, 7773 and 7973 Latch bolt operated by key from the outside at all times and by thumb piece from either side, except when outside thumb piece is locked by stops in face.

Dead bolt by key from the outside and thumb knob from the inside.

For Store Doors and Entrance Doors for Public Buildings

Nos. 7388, 7588, 7788 and 7988 Latch bolt operated by thumb piece from either side.

Dead bolt by key from either side.

*Can be furnished with front 8 x 1½ in. and strike 5 x 1½ in. for hollow metal doors and frames when so ordered. For further description, dimensions, etc., see page 159.

Specify finish. See pages 1 and 2.

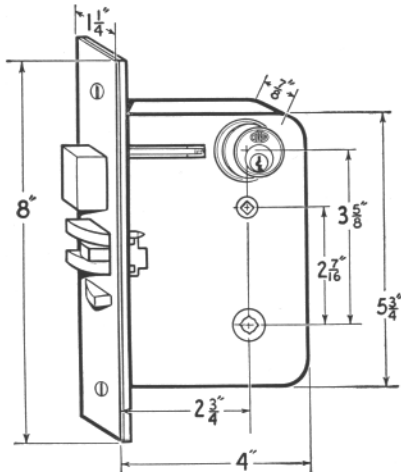


7000 Line of Mortise Locks

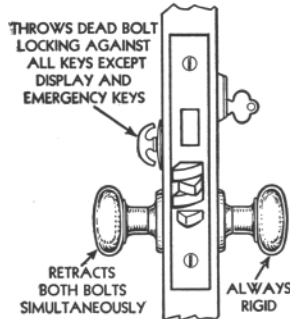
164A

HEAVY DUTY HOTEL CORRIDOR LOCK

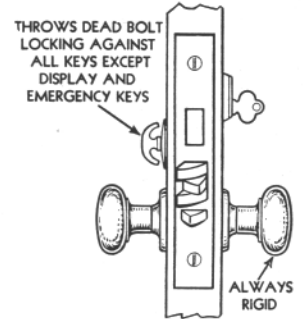
FOR DOORS AT LEAST 1 3/4 INCH THICK, FRONT 8 x 1 1/4 INCH, BACKSET 2 3/4 INCH



7529
Reversible



7529



7539

Operation

No. **7529** Latch bolt operated by knob from the inside and by Guest Key, Master Key and Grand Master Key from the outside except when Dead Bolt is projected from the inside. Outside knob always rigid.

The dead bolt is operated by thumb knob from the inside. When dead bolt is projected by thumb knob from the inside all keys except Emergency Key are inoperative.

Furnished with an Emergency Key which is operative at all times and which acts as a Shutout Key against all other Keys. Can be furnished with Button Indicator.

When so ordered can be furnished with Display Key which is operative at all times and which will shutout all keys except Emergency Key.

No. **7539** same as **7529** except that inside knob will retract latch bolt only.

For Other Lock Details
See 7500 Series — Page 159

No.	Front	Bolts	Backset Inches	Cylinder Cast Brass or Bronze	2 Keys Nickel-silver Class	Master Key Class	Weight Each
7529 7539	Cast Brass or Bronze Polished Polished	Cast Bronze Cast Bronze	2 3/4 2 3/4	253 1/4 H 253 1/4 H	74 74	074 074	3 1/4 Lbs. 3 1/4 Lbs.

One in a box, with screws.

When above locks are required to replace old locks it is advisable to furnish us with a complete sample of the old lockset including trim and strike so that we can furnish set to fit into the old mortises with a minimum of patching.

While these locks are reversible, contractor can save time in applying if hand of door is specified on order.

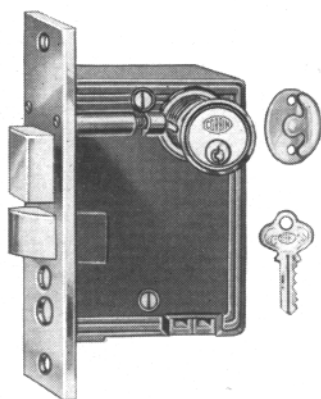
Specify number and finish. See pages 1 and 2.



164B

Mortise Store Door Locks

BALL BEARING CYLINDER



5565, 5566
*Reversible

CaseJapanned iron, 5¼ x 3¾ x ¾ in.

Front8 x 1¼ in.

Spacing4¾ in. latch trip to center of cylinder.

Latch BoltEasy spring, ½ in. throw.

Dead Bolt½ in. throw.

StrikeLip to center, 1¼ in.

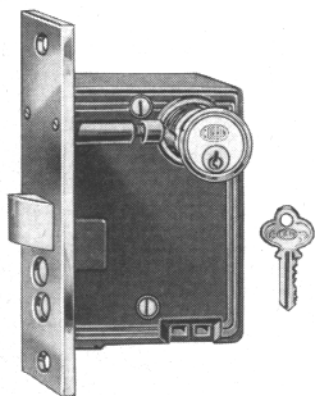
Operation**5566:** Latch Bolt by Thumb Piece from either side except when outside Thumb Piece is locked by stop in front; then by key only outside. Dead Bolt by key from both sides. Continuous turn of key will withdraw both Latch and Dead Bolts. Inside Thumb Piece always operative.

5565: Same operation as No. **5566** except one Cylinder. Dead Bolt by Turn Piece inside and Cylinder outside.

Master-keying ..Can be master-keyed with other cylinder locks.

No.	Front	Bolts	Backset Inches	Cylinder Cast Brass or Bronze	2 Keys Nickel-silver Class	Changes	Packed in a Box	Weight Each
5566	Cast Brass or Bronze	Cast Bronze	2¾	2 No. 253	77	Unlimited	1	3½ lbs.
5565	Polished	Polished	2¾	1 No. 253	77	Unlimited	1	3¼ lbs.

Packed with screws. *Can be furnished bevel front ⅛ in 2 inches. State hand.



5567
*Reversible

CaseJapanned iron, 5¼ x 3¾ x ¾ in.

Front8 x 1¼ in.

Spacing4¾ in. latch trip to center of cylinder.

Latch BoltEasy spring, ½ in. throw.

StrikeLip to center, 1¼ in.

Operation**5567:** Latch Bolt by Thumb Piece from either side except when outside Thumb Piece is locked by stop in front, then by key only outside. Inside Thumb Piece always operative.

Master-keying ..Can be master-keyed with other cylinder locks.

No.	Front	Bolts	Backset Inches	Cylinder Cast Brass or Bronze	2 Keys Nickel-silver Class	Changes	Packed in a Box	Weight Each
5567	Cast Brass or Bronze	Cast Bronze	2¾	2 No. 253	77	Unlimited	1	3½ lbs.
	Polished	Polished						

Packed with screws. *Can be furnished bevel front ⅛ in 2 inches. State hand.

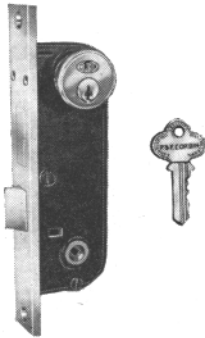
Specify number and finish. See pages 1 and 2.



Mortise Front Door Locks

164C

BALL BEARING CYLINDER
FOR NARROW STILE DOORS



5422, 5423
Reversible

CaseJapanned iron, $6\frac{1}{4}$ x $2\frac{1}{8}$ x $1\frac{1}{16}$ in. On special backsets width of case is $\frac{7}{8}$ in. more than backset.

Front8 x $1\frac{1}{8}$ in.

Spacing $4\frac{5}{16}$ in. center of knob hub to center of cylinder.
 $4\frac{1}{16}$ in. center of knob hub to center of thumb knob.

Latch BoltEasy spring $\frac{7}{16}$ in. throw.

Dead Bolt $\frac{1}{2}$ in. throw.

HubsBronze, $\frac{5}{16}$ in.

StrikeLip to center $1\frac{1}{4}$ in.

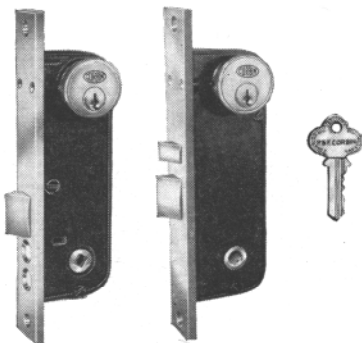
Operation**5423:** Latch bolt by Knobs or levers from either side. Dead bolt by Key from outside and by thumb turn from inside.

5422: Same as 5423 except: Latch bolt by levers or Knobs either side. Dead bolt by Key from both sides.

Master-keying ..Can be master-keyed with other cylinder locks.

No.	Front	Bolts	Backset		Cylinders Cast Brass or Bronze	2 Keys Nickel-silver Class	Changes	Packed in a Box	Weight Each
			Regular Inches	Special Inches					
5423	Cast Brass or Bronze Polished Polished	Cast Bronze Polished Polished	$1\frac{1}{4}$	$\{1\frac{1}{2}, 1\frac{3}{4}$	1 No. 253	77	Unlimited Unlimited	1	$2\frac{1}{2}$ lbs.
5422			$1\frac{1}{4}$	$\{2, 2\frac{1}{4}$ $\{1\frac{1}{2}, 1\frac{3}{4}$ $\{2, 2\frac{1}{4}$	2 No. 253	77		1	$2\frac{3}{4}$ lbs.

Packed with screws. Specify thickness of door.



5431 **5464**
Reversible

CaseJapanned iron, $6\frac{1}{4}$ x $2\frac{1}{8}$ x $\frac{7}{8}$ in. On special backsets width of case is $\frac{7}{8}$ in. greater than backset.

Front8 x $1\frac{1}{8}$ in.

Spacing $4\frac{5}{16}$ in. center of knob hub to center of cylinder.

Latch BoltEasy spring, $\frac{1}{2}$ in. throw.

HubBronze, $\frac{5}{16}$ in. swivel.

StrikeLip to center, $1\frac{1}{4}$ in.

OperationNo. **5431** latch bolt operated by key from the outside at all times and by Knobs or levers from either side except when outside Knob or lever is locked by stops in face.

No. **5464** latch bolt operated by key only from outside and by Thumb Turn **2248** from inside. Key in inside cylinder retracts latch bolt and auxiliary latch and holds them retracted. Auxiliary latch deadlocks main latch against end pressure.

Master-keying ..Can be master-keyed with other cylinder locks.

No.	Front	Bolts	Backset		Cylinders Cast Brass or Bronze	2 Keys Nickel-silver Class	Changes	Packed in a Box	Weight Each
			Regular Inches	Special Inches					
5431	Cast Brass or Bronze Polished Polished	Cast Bronze Polished Polished	$1\frac{1}{4}$	$\{1\frac{1}{2}, 1\frac{3}{4}$	1 No. 253	77	Unlimited Unlimited	1	$2\frac{1}{2}$ lbs.
5464			$1\frac{1}{4}$	& 2 None	2 No. 253	77		1	$2\frac{3}{4}$ lbs.

Packed with screws. Specify thickness of door.

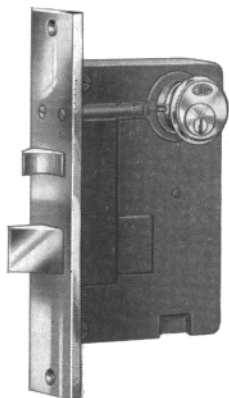
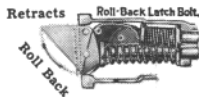
Specify number and finish. See pages 1 and 2.



164D

Mortise Exit Door Locks

BALL BEARING CYLINDER



5680, 5682
Not Reversible

CaseJapanned iron, 5 $\frac{7}{8}$ x 4 x 1 in. Beveled $\frac{1}{8}$ in 2 in.

Front8 x 1 $\frac{3}{8}$ in.

Spacing4 $\frac{3}{4}$ in. latch trip to center of cylinder.

Latch BoltRoll back type.

StrikeLip to center, 1 $\frac{1}{4}$ in.

Operation**5680:** The roll back feature assures positive action even if latch is bound in strike by warped door. When door is closing, main latch bolt retracts into lock case, but when opening latch bolt rolls back. Auxiliary latch deadlocks main latch against end pressure. With door in closed position, not locked by key, a slight pressure on outside thumb lift or any point on inside cross bar, releases locking mechanism, allowing the latch bolt to pivot or roll back into lock case. Key or thumb lift does not retract latch bolt at any time. Key locks or unlocks outside thumb lift only.

5682: Same as 5680 except there is no outside thumb peice and consequently no outside operation except by key.

These locks for use with fire exit bolt nos. 76, 76 $\frac{1}{2}$, 76 $\frac{3}{4}$, 77, 77 $\frac{1}{2}$ and 77 $\frac{3}{4}$ only.

No.	Front	Bolts	Backset Inches	Cylinder Cast Brass or Bronze	2 Keys Nickel-silver Class	Master Key Class	Changes	Packed in a Box	Weight Each
5680	Cast Brass	Cast							
5682	or Bronze	Bronze							
	Polished	Polished	2 $\frac{3}{4}$	No. 253	77	077	Unlimited	1	3 lbs.
	Polished	Polished	2 $\frac{3}{4}$	No. 253	77	077	Unlimited	1	3 lbs.

Packed with screws.

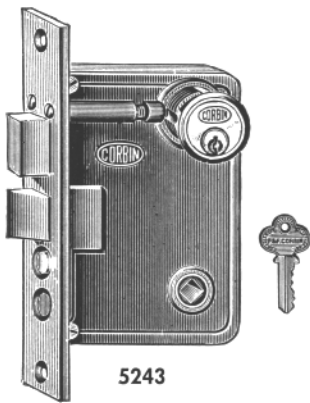
Specify number and finish. See pages 1 and 2.



Mortise Front Door Locks

165

BALL BEARING CYLINDER



5243

Reversible

CaseJapanned Iron, 5½ x 3½ x ¾ in.

Front8 x 1½ in.

Spacing3⅝ in. center of knob hub to center of cylinder
3⅝ in. center of knob hub to center of thumb knob

Latch BoltEasy spring ⅞ in. throw

Dead Bolt½ in. throw

HubsBronze, ⅜ x ⅝ swivel and ⅜ in.

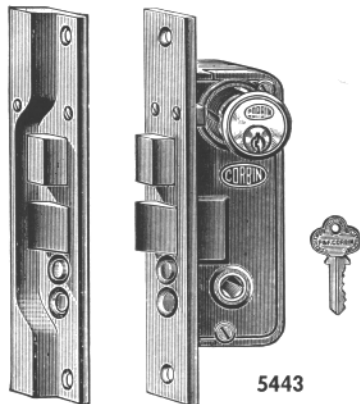
StrikeLip to center 1¼ in.

OperationLatch bolt by knob from either side and by key from outside at all times. Dead bolt by key from outside and by thumb knob from inside. Outside knob is locked by stops in face.

Master-keying ..Can be master-keyed with other cylinder locks.

No.	Front	Type Front	Bolts	Backset		Cylinders Cast Brass or Bronze	2 Keys Nickel-silver Class	Changes	Packed in a Box	Weight Each
				Regular Inches	Special Inches					
5243	Cast Brass or Bronze Polished	Flat	Cast Bronze Polished	2¾	....	1 No. 253	77	Unlimited	1	3¼ lbs.

Packed with screws. Specify thickness of door.



15443

*Not reversible

For use with Lever Handles on Narrow Stile Doors.

Case5½ x 2½ x ¾ in.

Front8 x 1½ in. bevelled ⅛ in. 2 in.

Spacing3⅝ in. center of knob hub to center of cylinder.
3⅝ in. center of knob hub to center of thumb knob.

Latch BoltEasy spring ⅞ in. throw.

Dead Bolt½ in. throw.

HubBronze ⅜ x ⅝ swivel and ⅜ in.

StrikesLip to center 1¼ in.

OperationLatch bolt by key from the outside at all times and lever handles from either side, except when outside lever is locked by stops in face.

Dead bolt by key from the outside and by the thumb knob from the inside.

Master-keying ..Can be master-keyed with other cylinder locks.

No.	Front	Type Front	Bolts	Backset		Cylinders Cast Brass or Bronze	2 Keys Nickel-silver Class	Changes	Packed in a Box	Weight Each
				Regular Inches	Special Inches					
5443 15443	Cast Brass or Bronze Polished Polished	Flat Rab'td	Cast Bronze Polished Polished	1½ 1½ long side	1	1 No. 253 1 No. 253	77 77	Unlimited Unlimited	1 1	2½ lbs. 3 lbs.

Packed with screws.

*Specify hand and thickness of door. Width of case for 1 in. backset 2 in.

Specify number and finish. See pages 1 and 2.



Mortise Front Door Locks

For Door Handle Outside and Knob Inside

BALL BEARING CYLINDER

Case5¼ x 3¾ x ¾ in.

Front8 x 1⅞ in.

Spacing3⅝ in. from center of knob hub to center of thumb knob.
4¼ in. latch trip to center of cylinder.

Latch BoltEasy spring, ⅞ throw.

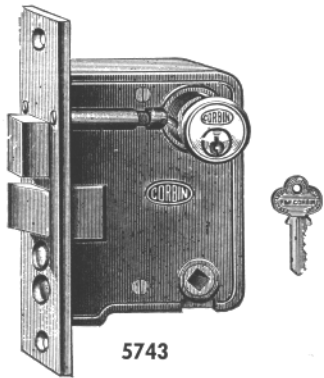
Dead Bolt½ in. throw.

HubBronze, ⅝ in.

StrikeLip to center, 1¼ in.

OperationLatch bolt by thumb piece from the outside except when thumb piece is locked by stops in face and by knob from the inside and key from the outside at all times.
Dead bolt by key from the outside and thumb knob from the inside.

Master-keying ..Can be master-keyed with other cylinder locks.



5743

Reversible

No.	Front	Bolts	Backset Inches	Cylinder Cast Brass or Bronze	2 Keys Nickel-silver Class	Changes	Packed in a Box	Weight Each
5743	Cast Brass or Bronze Polished	Cast Bronze Polished	2¾	1 No. 253	77	Unlimited	1	3½ lbs.

Packed with screws. Specify thickness of door.

FOR DOOR HANDLES BOTH SIDES

CaseJapanned iron, 5¼ x 3¾ x ¾ in.

Front3 x 1⅞ in., beveled ⅛ in 2 in.

Spacing4¼ in. latch trip to center of cylinder.

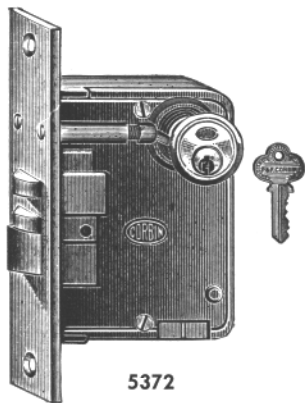
Latch BoltAnti-friction, ½ in. throw.

StrikeLip to center, 1½ in.

Auxiliary Latch..Automatically locks the latch bolt so that it cannot be forced back by end pressure when the door is locked, but does not prevent the key, or thumb latches from operating the latch bolt. Retracting latch bolt by any means also retracts the auxiliary latch.

OperationWith hold-back feature. Latch bolt is operated by thumb latch from outside except when thumb latch is locked from the inside by master-key only, unless otherwise ordered. The thumb latch inside operates latch bolt at all times. The key in outside cylinder will operate latch bolt at all times.

Master-keying ..Can be master-keyed with other cylinder locks.



5372

*Not Reversible

No.	Front	Bolts	Backset Inches	Cylinders Cast Brass or Bronze	2 Keys Nickel-silver Class	Changes	Weight Each
5372	Cast Brass or Bronze Polished	Cast Bronze Polished	2¾	1 No. 253 1 No. 253 Spec.	77	Unlimited	3½ lbs.

Packed with screws. Specify hand and thickness of door.

Specify number and finish. See pages 1 and 2.



5243

Master-keying ..Can be master-keyed with other cylinder locks.

Packed with screws. Specify thickness of door.

Master-keying . . Can be master-keyed with other cylinder locks.

*Specify hand and thickness of door. Width of case for 1 in. backset 2 in.

Specify number and finish. See pages 1 and 2.



5262

CaseJapanned iron, 5 x 3 $\frac{3}{4}$ x $\frac{3}{4}$ in.

Front8 x 1 $\frac{1}{8}$ in.

Spacing4 $\frac{3}{16}$ in. latch trip to center of cylinder.

Latch BoltEasy spring, $\frac{7}{16}$ in. throw.

Dead Bolt $\frac{1}{2}$ in. throw.

StrikeLip to center, 1 $\frac{1}{4}$ in.

OperationLatch bolt by thumb piece from either side.
Dead bolt by key from either side.
Latch bolt can be held retracted by turn of key. Suffix A to
number as 5262A.

Master-keying ..Can be master-keyed with other cylinder locks.

Packed with screws.

INDICATORS TO INDICATE IF ROOM IS OCCUPIED

Indicators are not included in the price of locks.



Type B (Patented). When locks are supplied with this indicating device, the outside escutcheon has a "Push Button" attachment.

For use with locks operated by key as Nos. 7027, 7227, 7427, 7627, 7327, 7527, 7727 and 7927.

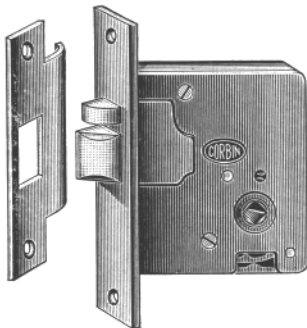
When the door is locked from the inside by the key, the "Push Button" cannot be depressed, thus indicating that the room is occupied. This type of indicator is superior to all other similar devices for use with locks operated by key.

Specify number and finish. See pages 1 and 2.



168

Mortise Exit Latches



180

Reversible

Case.....Japanned iron, $4\frac{1}{4}$ x $3\frac{3}{8}$ x $\frac{3}{4}$ in.

Front..... $6\frac{3}{8}$ x $1\frac{1}{8}$ in.

Latch Bolt..... $\frac{9}{16}$ in. throw.

Hub.....Bronze, $\frac{5}{16}$ in.

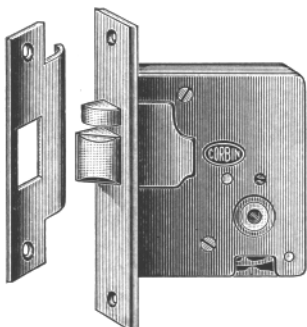
Strike.....Lip to center, $1\frac{1}{4}$ in.

Auxiliary Latch..Automatically locks the latch bolt, so that it cannot be forced back by end pressure when the door is closed, but does not prevent exit bar from operating latch bolt.

Operation.....By exit bar or push lever from the inside only at all times.

No.	Front	Bolt	Backset Inches	Packed in a Box	Weight Each
180	Cast Brass or Bronze Polished	Cast Bronze Polished	2 $\frac{3}{4}$	1	2 $\frac{1}{4}$ lbs.

Packed with screws.



185

Reversible

Case.....Japanned iron, $4\frac{1}{4}$ x $3\frac{3}{8}$ x $\frac{3}{4}$ in.

Front..... $6\frac{3}{8}$ x $1\frac{1}{8}$ in.

Latch Bolt..... $\frac{9}{16}$ in. throw.

Strike.....Lip to center, $1\frac{1}{4}$ in.

Auxiliary Latch..Automatically locks the latch bolt, so that it cannot be forced back by end pressure when the door is closed, but does not prevent exit bar from operating latch bolt.

Operation.....By exit bar or push lever from the inside only at all times.

No.	Front	Bolt	Backset Inches	Packed in a Box	Weight Each
185	Cast Brass or Bronze Polished	Cast Bronze Polished	2 $\frac{3}{4}$	1	2 $\frac{1}{4}$ lbs.

Packed with screws.

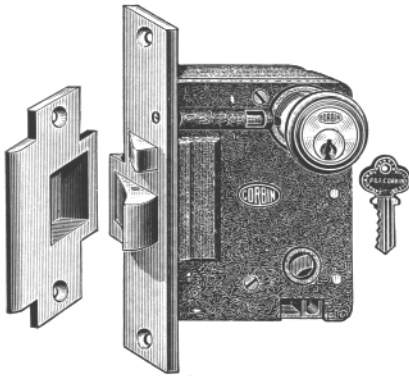
When ordered for double doors, they are furnished with open back strike. Specify whether for single or double doors.

Specify number and finish. See pages 1 and 2.



Mortise Exit Door Locks

169



5683

Type of 5683½, 5683¾
*Not Reversible

BALL BEARING CYLINDER

Case.....5 x 3⅞ x ¾ in.

Front.....7⅞ x 1¼ x 1⅝ in. Beveled ⅛ in 2 in.

Spacing.....4⅞ in. latch trip to center of cylinder.

Latch Bolt.....Long swing latch bolt, ⅝ in. throw, encased in housing to prevent foreign matter being forced into works.

Strike.....Cast box 4½ x 1¼ in. Lip to center 1¼ in.

Auxiliary Latch..When door is locked on the outside the auxiliary latch automatically locks the latch bolt so that it cannot be forced back by end pressure, but does not interfere with the normal operation of latch bolt.

Master-keying...Can be Master-keyed with other Cylinder Locks.

No.	Front	Bolts	Backset Inches	Cylinders Cast Brass or Bronze	2 Keys Nickel-silver Class	Master-key Class	Changes	Packed in a Box	Weight Each
5683	Cast Brass or Bronze	Cast Bronze							
	Polished	Polished	2¾	1 No. 253	77	077	Unlimited	1	3⅞ lbs.
5683½	Polished	Polished	2¾	2 No. 253	77	077	Unlimited	1	3⅝ lbs.
5683¾	Polished	Polished	2¾	1 No. 253	77	077	Unlimited	1	3⅞ lbs.

Packed with screws.

OPERATIONS

No. 5683—By Exit Push Bar from the Inside at all times. When the Thumb Piece of Outside Handle is locked, a turn of key in outside Cylinder toward face of Lock to first click, releases Locking Mechanism, permitting entrance from outside by means of Thumb Piece. A further turn of Key in same direction to the second click, sets mechanism so that first operation of Latch Bolt by Exit Push Bar from the inside or Thumb Piece from the outside retracts Latch Bolt and locks it in retracted position, permitting door to be operated on Push and Pull basis. A turn of Key in opposite direction to the limit of operation again projects the Latch Bolt and locks the Outside Thumb Piece.

No. 5683½—By Exit Push Bar from Inside at all times and cylinders both sides. When in locked position outside cylinder operated by key. A turn of inside cylinder key towards face of lock to first click unlocks the outside thumb piece. A further turn of key in same direction prepares lock so that the first operation of cross bar or thumb piece holds the bolt retracted. A turn of inside cylinder key in opposite direction locks outside thumb piece.

No. 5683¾—By Exit Push Bar from Inside at all times. Latch bolt operated by key only from the outside. When latch bolt is locked in retracted position by means of dogging key, the door can be opened from outside by door pull.

Strike as illustrated furnished with above locks when ordered for single doors. When ordered for double doors, they are furnished with open back strike.

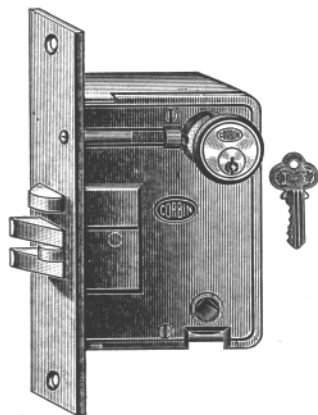
*Specify hand and thickness of door. Specify whether for single or double doors.

Specify number and finish. See pages 1 and 2.



Mortise Exit Door Locks

BALL BEARING CYLINDER



5584 to 5785

*Not reversible

Case..... $5\frac{1}{4} \times 3\frac{15}{16} \times \frac{7}{8}$ in.**Front**..... $8 \times 1\frac{1}{4}$ in. Beveled $\frac{1}{8}$ in 2 in.**Spacing**..... $3\frac{3}{8}$ in. center of knob to center of cylinder.**Latch Bolt**..... Anti-friction $\frac{9}{16}$ in. throw.**Strike**.....Lip to center $1\frac{1}{4}$ in.**Auxiliary Latch**..When door is locked on the outside the auxiliary latch automatically locks the latch bolt so that it cannot be forced back by end pressure, but does not interfere with the normal operation of latch bolt.**Operation**..... No. 5584, by Exit Bar or Push Lever from Inside and by key or knob from outside. Key in inside cylinder locks the outside knob or holds the bolt retracted.

No. 5585, by Exit Bar or Push Lever from Inside at all times and from outside by knob. Knob outside is automatically locked when bolt is retracted by key. A reverse turn of the key releases the knob. When knob is deadlocked the bolt may be held retracted by pushing it inward and turning the key.

Master-keying... No. 5784 same as No. 5584 except operated by handle and thumb piece outside.

No. 5785 same as No. 5585 except operated by handle and thumb piece outside.

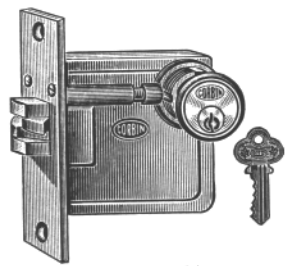
No.	Front	Bolts	Backset Inches	Cylinders Cast Brass or Bronze	2 Keys Nickel-silver Class	Master-key Class	Changes	Packed in a Box	Weight Each
	Cast Brass or Bronze	Cast Bronze							
5584	Polished	Polished	$2\frac{3}{4}$	2 No. 253	77	077	Unlimited	1	$3\frac{7}{8}$ lbs.
5585	Polished	Polished	$2\frac{3}{4}$	1 No. 253	77	077	Unlimited	1	$3\frac{3}{4}$ lbs.
5784	Polished	Polished	$2\frac{3}{4}$	2 No. 253	77	077	Unlimited	1	$3\frac{7}{8}$ lbs.
5785	Polished	Polished	$2\frac{3}{4}$	1 No. 253	77	077	Unlimited	1	$3\frac{3}{4}$ lbs.

Packed with screws.

*Specify hand and thickness of door. Specify whether for single or double doors.

Mortise Sliding Door Locks

BALL BEARING CYLINDER



1385, 1385½

Case..... $3\frac{1}{4} \times 3\frac{5}{8} \times \frac{3}{4}$ in.**Front**..... $5\frac{7}{16} \times 1\frac{15}{16}$ in.**Operation**..... No. 1385: Dead Bolt by Key in Outside Cylinder. Inside by cup handle No. 053.

No. 1385½: Dead Bolt by Key from either side.

Cup Handle No. 053—2 in. dia. depth of mortise $\frac{5}{16}$ in., projection $\frac{1}{16}$ in., spindle $\frac{3}{16}$ in.**Master-keying**... Can be master keyed with other cylinder locks.

No.	Front	Bolt	Backset Inches	Cylinders Cast Brass or Bronze	2 Keys Nickel-silver Class	Changes	Packed in a Box	Weight Each
	Cast Brass or Bronze	Cast Bronze						
1385	Polished	Polished	$2\frac{3}{4}$	1 No. 253	77	Unlimited	1	$1\frac{3}{4}$ lbs.
1385½	Polished	Polished	$2\frac{3}{4}$	2 No. 253	77	Unlimited	1	2 lbs.

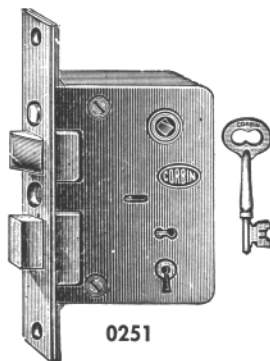
Packed with screws.

Specify number and finish. See pages 1 and 2.



Mortise Front Door Locks

171



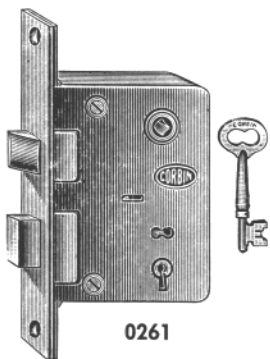
0251

Reversible

- Case**Japanned iron, $4\frac{5}{8}$ x $3\frac{3}{16}$ x $1\frac{1}{16}$ in.
Front7 x 1 in.
Spacing3 in. center of knob hub to center of key post.
Latch BoltEasy spring, $\frac{1}{2}$ in. throw.
Dead Bolt $\frac{1}{2}$ in. throw.
HubIron, $\frac{3}{8}$ x $\frac{5}{16}$ in. swivel.
StrikeLip to center, $1\frac{1}{4}$ in.
OperationLatch bolt by knobs from either side except when outside knob is locked by stops in face and by key from outside at all times.
Dead bolt by key from either side.

No.	Front	Bolts	Backset Inches	2 Keys N-P Steel Class	Tumblers	Changes	Packed in a Box	Weight Dozen
0251	Wrought Steel Plated	Cast Iron Brass Plated	2½	80⅞	2	48	1	24½ lbs.

Packed with screws.



0261

Reversible

- Case**Japanned iron, $4\frac{5}{8}$ x $3\frac{3}{16}$ x $1\frac{1}{16}$ in.
Front7 x 1 in.
Spacing3 in. center of knob hub to center of key post.
Latch BoltEasy spring, $\frac{1}{2}$ in. throw.
Dead Bolt $\frac{1}{2}$ in. throw.
HubIron, $\frac{5}{16}$ in.
StrikeLip to center, $1\frac{1}{4}$ in.
OperationLatch bolt by knob from either side. Dead bolt by key from either side.

No.	Front	Bolts	Backset Inches	2 Keys N-P Steel Class	Tumblers	Changes	Packed in a Box	Weight Dozen
0261	Wrought Steel Plated	Cast Iron Brass Plated	2½	80⅞	2	48	1	22½ lbs.

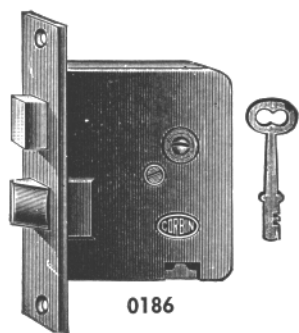
Packed with screws.

Specify number and finish. See pages 1 and 2.



172

Mortise Store Door Locks



0186

Reversible

Case $4\frac{3}{8}$ x $3\frac{1}{4}$ x $1\frac{1}{16}$ in.Front $6\frac{1}{2}$ x 1 in.Spacing $2\frac{13}{16}$ in.Latch Bolt Easy spring $\frac{7}{16}$ in. throw.Dead Bolt $\frac{7}{16}$ in. throw.Strike Lip to center, $1\frac{1}{2}$ in.

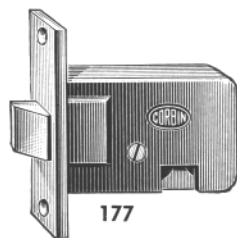
Operation Latch bolt by thumb piece from either side. Dead bolt by key from either side at all times.

No.	Front	Bolts	Backset Inches	2 Keys N-P Steel Class	Tumblers	Changes	Packed in a Box	Weight Each
0186	Wrought Steel Plated	Cast Iron Brass Plated	$2\frac{3}{4}$	$96\frac{1}{4}$	4	36	1	$17\frac{1}{8}$ lbs.

Packed with screws.

Mortise Door Latches

FOR DOOR HANDLES BOTH SIDES



177

Reversible

Case Japanned iron, $2\frac{1}{4}$ x $3\frac{1}{2}$ x $1\frac{1}{16}$ in.Front $4\frac{1}{4}$ x $1\frac{1}{8}$ in.Latch Bolt Easy spring, $\frac{7}{16}$ in. throw.Strike Lip to center, $1\frac{1}{4}$ in.

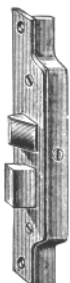
Operation Latch bolt operated by thumb piece of handle from either side.

No.	Front	Bolt	Backset Inches	Packed in a Box	Weight Each
177	Cast Brass or Bronze Polished	Cast Bronze Polished	$2\frac{7}{16}$	1	$1\frac{1}{8}$ lbs.

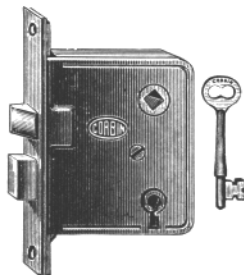
Packed with screws.

Specify number and finish. See pages 1 and 2.





1285, 01285
Reversible



285, 0285
Reversible

CaseJapanned iron, 3 $\frac{5}{8}$ x 3 $\frac{3}{8}$ x $\frac{9}{16}$ in.

FrontFlat, 5 $\frac{1}{4}$ x $\frac{7}{8}$ in.
Rabbeted, 5 $\frac{3}{4}$ x $\frac{15}{16}$ in., $\frac{1}{2}$ in. rabbet.

Spacing2 $\frac{3}{16}$ in. center of knob hub to center of key post.

Latch BoltType A construction, $\frac{3}{8}$ in. throw.

Dead Bolt $\frac{7}{16}$ in. throw.

HubIron, $\frac{5}{16}$ in.

StrikeLip to center, 1 in.

OperationLatch bolt by knobs from either side.
Dead bolt by key from either side.

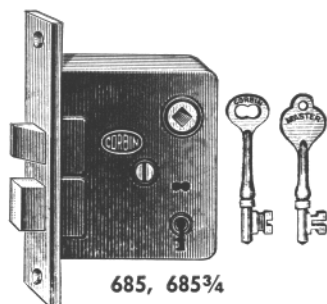
No.	Front	Type Front	Bolts	Backset Inches	1 Key Class	Tumbler	Changes	Packed in a Box	Weight Dozen
285 1285	Wrought Brass or Bronze Polished Polished	Flat Rabbeted	Bronze Polished Polished	2 ³ / ₈ 2 ³ / ₈ Longside	179 ¹ / ₄ 179 ¹ / ₄	1 Cast 1 Cast	12 12	6 6	12 ¹ / ₄ lbs. 16 lbs.
0285 01285	Wrought Steel Plated Plated	Flat Rabbeted	Iron Brass Plated Brass Plated	2 ³ / ₈ 2 ³ / ₈ Longside	179 ¹ / ₄ 179 ¹ / ₄	1 Cast 1 Cast	12 12	6 6	12 lbs. 15 lbs.

Packed with screws.

Specify number and finish. See pages 1 and 2.



Mortise Knob Locks

685, 685 $\frac{3}{4}$

Reversible

CaseJapanned iron, 3 $\frac{3}{4}$ x 3 $\frac{1}{2}$ x $\frac{5}{16}$ in.Front5 $\frac{1}{2}$ x $\frac{7}{8}$ in.Spacing2 $\frac{3}{16}$ in. center of knob hub to center of key post.Latch BoltEasy spring, type C, $\frac{3}{8}$ in. throw.Dead Bolt $\frac{1}{2}$ in. throw.HubIron, $\frac{5}{16}$ in.

StrikeLip to center, 1 in.

OperationLatch bolt by knobs from either side.

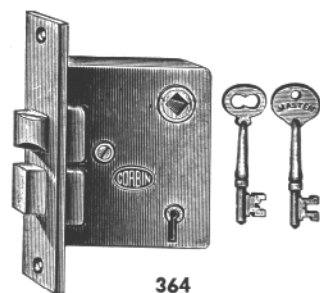
Dead bolt by key from either side.

Master-keying ... No. 685 $\frac{3}{4}$ MK master-keyed in 5 sets of 50 each, the 250 all different, with a master-key to pass each set, and when so ordered, with a grand master-key to pass all. Master-keyed with other locks having 195 class master-key.

No.	Front	Bolts	Backset Inches	1 Key N-P Steel Class	Master-key Class	Tumblers	Changes	Packed in a Box	Weight Dozen
685 685 $\frac{3}{4}$	Cast Brass or Bronze Polished Polished	Cast Bronze Polished Polished	2 $\frac{3}{4}$ 2 $\frac{3}{4}$	179 $\frac{3}{4}$ 179 $\frac{3}{4}$	... 195	1 Wrought 3 Wrought	24 250	6 6	16 lbs. 16 $\frac{1}{4}$ lbs.

Packed with screws.

Mortise Knob Locks



364

Reversible

Case3 $\frac{5}{8}$ x 3 $\frac{3}{8}$ x $\frac{5}{8}$ in.Front5 $\frac{1}{2}$ x 1.Spacing2 $\frac{3}{16}$ in. center of knob hub to center of key post.Latch BoltEasy spring, type C, $\frac{3}{8}$ in. throw.Dead Bolt $\frac{7}{16}$ in. throw.HubBronze, $\frac{5}{16}$ in.

StrikeLip to center, 1 in.

OperationLatch bolt by knobs from either side.

Dead bolt by key from either side.

Master-keying ... Master-keyed in 4 sets of 160 each, or 16 sets of 40 each, the 640 all different, with master keys to pass each set, and when so ordered, with grand master-key to pass all. Master-keyed with other locks having 080 $\frac{7}{8}$ class master-key.

No.	Front	Bolts Cast Bronze	Backset Inches	1 Key N-P Steel Class	Master-key Class	Tumblers	Changes	Packed in a Box	Weight Dozen
364	Cast Brass or Bronze Polished	Polished	2 $\frac{5}{8}$	80 $\frac{7}{8}$	080 $\frac{7}{8}$	3	640	6	20 $\frac{1}{2}$ lbs.

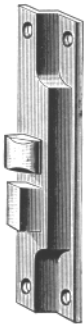
Packed with screws.

Specify number and finish. See pages 1 and 2.



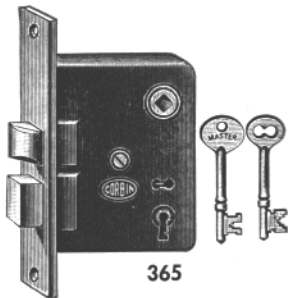
Mortise Knob Locks

175



1365

Not reversible



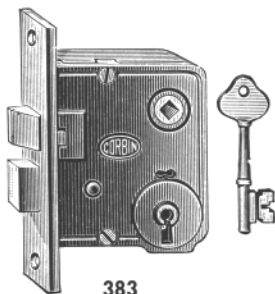
365

Reversible

CaseJapanned iron, $4\frac{1}{4} \times 3\frac{1}{2} \times \frac{5}{8}$ in.**Front**Flat $6\frac{1}{4} \times 1$ in.Rabbeted $6\frac{1}{2} \times 1\frac{3}{16}$ in. $\frac{1}{2}$ in. rabbet, beveled $\frac{1}{8}$ in. 2 in.**Spacing** $2\frac{5}{8}$ in. center of knob hub to center of key post.**Latch Bolt**Easy spring, type D, $\frac{3}{8}$ in. throw.**Dead Bolt** $\frac{7}{16}$ in. throw**Hub**Bronze, $\frac{5}{16}$ in.**Strike**Flat, lip to center, $1\frac{1}{8}$ in. Rabbeted, lip to center 1 in.**Operation**Latch bolt by knobs from either side.
Dead bolt by key from either side.**Master-keying** ... Master-keyed in 4 sets of 160 each, or in 16 sets of 40 each, the 640 all different with master keys to pass each set, and when so ordered, with a grand master to pass all. Master-keyed with other locks having 0807 $\frac{8}{8}$ class master key.

No.	Front	Type Front	Bolts	Backset Inches	1 Key N-P Steel Class	Master-key Class	Tumblers	Changes	Packed in a Box	Weight Dozen
365 *1365	Cast Brass or Bronze Polished Polished	Flat Rabt'd	Cast Bronze Polished Polished	$2\frac{3}{4}$ $2\frac{3}{4}$ long side	807 $\frac{8}{8}$ 807 $\frac{8}{8}$	0807 $\frac{8}{8}$ 0807 $\frac{8}{8}$	3 3	640 640	6 6	21 $\frac{1}{2}$ lbs. 23 lbs.

Packed with screws. *Specify hand of door.



383

Reversible

CaseJapanned iron, $3\frac{3}{8} \times 3\frac{3}{8} \times 1\frac{1}{16}$ in.**Front** $5\frac{3}{8} \times 1\frac{1}{16}$ in.**Spacing** $2\frac{3}{16}$ in. center of knob hub to center of key post.**Latch Bolt**Easy spring, type D, $\frac{7}{16}$ in. throw.**Dead Bolt** $1\frac{15}{32}$ in. throw.**Hub**Bronze $\frac{5}{16}$ in.**Strike**Lip to center, $1\frac{1}{8}$ in.**Operation**Latch bolt by knobs from either side. Dead bolt by key from either side.**Master-keying** ... Master keyed in one set of 2100 all different, or in sets as desired with master key to pass each set, and when so ordered, with grand master key to pass all. Master-keyed with other locks having 0306 class master key.

No.	Front	Bolts Cast Bronze	Backset Inches	1 Key N-P Steel Class	Master-key Class	Tumblers	Changes	Packed in a Box	Weight Dozen
383	Cast Brass or Bronze Polished	Polished	$2\frac{9}{16}$	306	0306	3	2100	6	20 lbs.

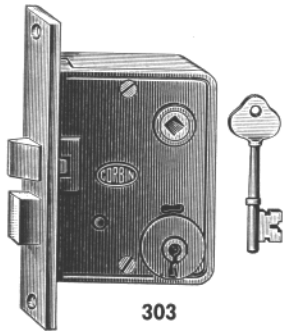
Packed with screws.

Specify number and finish. See pages 1 and 2.



176

Mortise Knob Locks



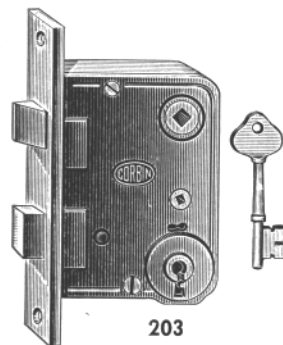
303

Reversible

CaseJapanned Iron, $4\frac{3}{8}$ x $3\frac{1}{2}$ x $1\frac{1}{16}$ in.**Front** $6\frac{7}{16}$ x $1\frac{1}{8}$ in.**Spacing** $2\frac{9}{16}$ in. center of knob hub to center of key post.**Latch Bolt**Easy spring, type D, $\frac{7}{16}$ in. throw.**Dead Bolt** $1\frac{15}{32}$ in. throw.**Hubs**Bronze, $\frac{5}{16}$ in.**Strike**Lip to center $1\frac{1}{8}$ in.**Operation**Latch Bolt by knobs from either side. Dead bolt by key from either side.**Master-keying** ... Master-keyed in one set of 2100 all different, or in sets as desired with master key to pass each set and when so ordered, with grand master key to pass all. Master-keyed with other locks having 0306 class master key.

No.	Front	Bolts	Backset Inches	1 Key N-P Steel Class	Master-key Class	Tumblers	Changes	Packed in a Box	Weight Dozen
303	Cast Brass or Bronze Polished	Cast Bronze Polished	$2\frac{11}{16}$	306	0306	3	2100	6	$21\frac{1}{2}$ lbs.

Packed with screws.



203

Reversible

CaseJapanned Iron, $4\frac{3}{4}$ x $3\frac{1}{2}$ x $\frac{5}{8}$ in.**Front** $6\frac{5}{8}$ x $1\frac{1}{16}$ in.**Spacing** $3\frac{1}{8}$ in. center of knob hub to center of key post. $1\frac{11}{16}$ in. center of knob hub to center of thumb knob hub.**Latch Bolt**Easy spring, type D $\frac{7}{16}$ in. throw.**Dead Bolt** $1\frac{15}{32}$ in. throw.**Hubs**Bronze $\frac{5}{16}$ and $\frac{3}{16}$ in.**Strike**Lip to center, $1\frac{1}{8}$ in.**Operation**Latch bolt by knobs from either side. Dead bolt operated at all times by key from outside and by turn knob inside.**Master-keying** ... Master-keyed in one set of 2100 all different, or in sets as desired with master key to pass each set, and when so ordered with grand master key to pass all. Master-keyed with other locks having 0306 class master key.

No.	Front	Bolts	Backset Inches	1 Key N-P Steel Class	Master-key Class	Tumblers	Changes	Packed in a Box	Weight Dozen
203	Cast Brass or Bronze Polished	Cast Bronze Polished	$2\frac{11}{16}$	306	0306	3	2100	6	24 lbs.

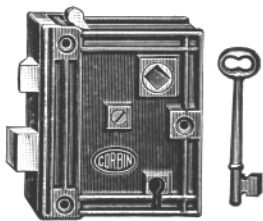
Packed with screws.

Specify number and finish. See pages 1 and 2.



Rim Knob Locks

177



961

Case $3\frac{7}{8}$ x $3\frac{1}{4}$ x $1\frac{1}{16}$ in.

Spacing $2\frac{3}{16}$ in.

Latch Bolt $\frac{3}{8}$ in. throw.

Dead Bolt $\frac{7}{16}$ in. throw.

Hub $\frac{5}{16}$ in. iron.

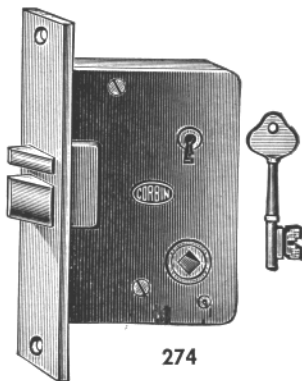
Rim Strike $3\frac{7}{8}$ x $\frac{3}{4}$ x $\frac{3}{4}$ in. cast iron japanned.

OperationLatch bolt by knobs from either side except when it is locked by stop in case. Dead bolt by key from either side.

No.	Case	Bolts	Backset Inches	1 Key Class	Tumblers	Changes	Packed in a Box	Weight Dozen
961	Cast Iron Japanned	Cast Iron	$2\frac{3}{8}$	N-P Cast Iron 011 $\frac{1}{4}$	1	6	6	12 $\frac{1}{4}$ lbs.

Packed with screws, plate escutcheon and screws for knob rose.

Mortise School House Lock



274

Type of 274A
Reversible

CaseJapanned iron, $5\frac{3}{8}$ x $3\frac{7}{8}$ x $\frac{3}{4}$ in. width of case for 5"BS $6\frac{1}{8}$ in.

Front8 x $1\frac{1}{8}$ in.

Spacing $2\frac{5}{8}$ in. center of knob hub to center of key post.

Latch BoltEasy spring, $\frac{1}{2}$ in. throw.

HubBronze, $\frac{3}{8}$ x $\frac{5}{16}$ in. swivel.

StrikeLip to center, $1\frac{1}{4}$ in.

OperationBy knob from either side. Outer knob may be locked or released by key from either side. When locked auxiliary bolt automatically dead locks the latch bolt, but when released auxiliary bolt is held retracted. Inside knob is operative at all times.

Master-keying ... Master-keyed in one set of 2100 all different, or in sets as desired with master key to pass each set, and when so ordered with a grand master key to pass all. Master-keyed with other locks having 0306 class master key.

No.	Front	Bolts	Backset		1 Key N-P Steel Class	Master-key Class	Tumblers	Changes	Packed in a Box	Weight Dozen
			Regular Inches	Special Inches						
274 *274A	Cast Brass or Bronze Polished Polished	Cast Bronze Polished Polished	$2\frac{3}{4}$ $2\frac{3}{4}$	5	306 306	0306 0306	3 3	2100 2100	3 3	32 $\frac{3}{8}$ lbs. 31 lbs.

Packed with screws.

*Without auxiliary latch.

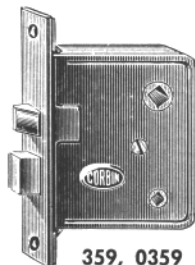
Specify number and finish. See pages 1 and 2.



178

Mortise Knob Locks

FOR COMMUNICATING AND BATHROOM DOORS

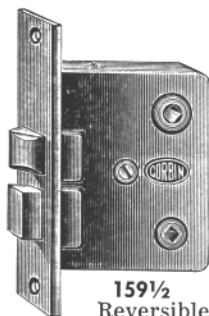


359, 0359
Reversible

CaseJapanned iron, $3\frac{5}{8}$ x $3\frac{1}{8}$ x $\frac{5}{16}$ in.
Front $5\frac{1}{4}$ x $\frac{7}{8}$ in.
Spacing $2\frac{3}{16}$ in. center of knob hub to center of thumb knob.
Latch Bolt $\frac{3}{8}$ in. throw.
Dead Bolt $\frac{7}{16}$ in. throw.
HubsIron, $\frac{5}{16}$ in. and $\frac{3}{16}$ in.
StrikeLip to center, 1 in.
OperationLatch bolt by knobs from either side.
Dead bolt by thumb knob from inside only.
With Emergency Key No. 359 $\frac{1}{2}$ which will operate Dead Bolt from the outside in case of emergency.

No.	Front	Bolts	Backset Inches	Packed in a Box	Weight Dozen
359	Wrought Brass or Bronze Polished	Cast Bronze Polished	2 $\frac{3}{8}$	6	12 $\frac{1}{4}$ lbs.
0359	Wrought Steel Plated	Cast Iron Brass Plated	2 $\frac{3}{8}$	6	12 $\frac{1}{4}$ lbs.

Packed with screws.

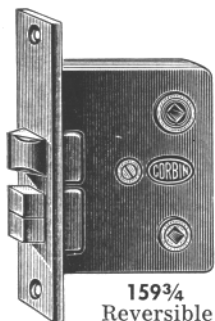


159 $\frac{1}{2}$
Reversible

CaseJapanned iron, $3\frac{3}{4}$ x $3\frac{3}{8}$ x $\frac{5}{8}$ in.
Front $5\frac{3}{8}$ x $1\frac{1}{4}$ in.
Spacing $2\frac{3}{16}$ in. center of knob hub to center of thumb knob.
Latch BoltEasy spring, $\frac{3}{8}$ in. throw.
Dead Bolt $\frac{7}{16}$ in. throw.
HubsIron, $\frac{5}{16}$ in. and $\frac{3}{16}$ in.
StrikeLip to center, 1 in.
OperationLatch bolt by knobs from either side.
Dead bolt by thumb from the inside only.
With Emergency Key No. 359 $\frac{1}{2}$ which will operate Dead Bolt from the outside in case of emergency.

No.	Front	Bolts	Backset Inches	Packed in a Box	Weight Dozen
159$\frac{1}{2}$	Cast Brass or Bronze Polished	Cast Bronze Polished	2 $\frac{9}{16}$ in.	6	15 $\frac{1}{2}$ lbs.

Packed with screws.



159 $\frac{3}{4}$
Reversible

CaseJapanned iron, $3\frac{3}{4}$ x $3\frac{3}{8}$ x $\frac{5}{8}$ in.
Front $5\frac{3}{8}$ x $1\frac{1}{4}$ in.
Spacing $2\frac{3}{16}$ in. center of knob hub to center of thumb knob.
Latch BoltEasy spring, $\frac{3}{8}$ in. throw.
Dead Bolt $\frac{7}{16}$ in. throw, (split type).
HubsIron, $\frac{5}{16}$ in. and $\frac{3}{16}$ in.
StrikesLip to center, 1 in.
OperationLatch bolt by knobs from either side.
Split dead bolt by thumb knobs from both sides, each locking against the opposite side.

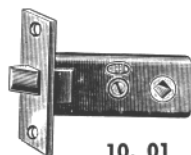
No.	Front	Bolts	Backset Inches	Packed in a Box	Weight Dozen
159$\frac{3}{4}$	Cast Brass or Bronze Polished	Cast Bronze Polished	2 $\frac{9}{16}$	6	16 $\frac{3}{4}$ lbs.

Packed with screws.

Specify number and finish. See pages 1 and 2.



Mortise Knob Latches

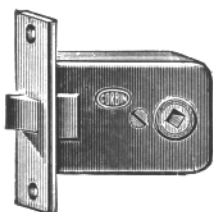
**10, 01**

Reversible

CaseJapanned iron, $1\frac{5}{16}$ x $3\frac{1}{16}$ x $\frac{1}{2}$ in.**Front** $2\frac{7}{8}$ x $\frac{7}{8}$ in.**Latch Bolt** $\frac{3}{8}$ in. throw.**Hub**Iron, $\frac{5}{16}$ in.**Strike**Lip to center, 1 in.**Operation**By knob from either side.

No.	Front	Bolt	Backset Inches	Packed in a Box	Weight Dozen
10	Wrought Brass or Bronze Polished	Cast Bronze Polished	$2\frac{7}{16}$	6	4 lbs.
01	Wrought Steel Plated	Cast Iron Brass Plated	$2\frac{7}{16}$	6	4 lbs.

Packed with screws.

**29**

Reversible

CaseJapanned iron, $1\frac{3}{4}$ x $3\frac{1}{4}$ x $\frac{5}{8}$ in.**Front** $3\frac{7}{16}$ x $1\frac{5}{16}$ in.**Latch Bolt**Easy spring, double compression spring on hub, $\frac{3}{8}$ in. throw.**Hub**Iron, $\frac{5}{16}$ in.**Strike**Lip to center, 1 in.**Operation**By knob from either side.

No.	Front	Bolt	Backset Inches	Packed in a Box	Weight Dozen
29	Cast Brass or Bronze Polished	Cast Bronze Polished	$2\frac{7}{16}$	6	6½ lbs.

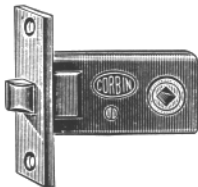
Packed with screws.

FOR TUBULAR LATCHES SEE PAGE 251

Specify number and finish. See pages 1 and 2.

180

Mortise Knob Latches

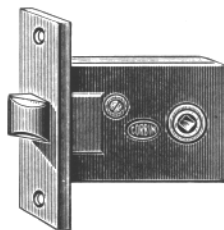


45

CaseJapanned iron, $1\frac{3}{8}$ x $3\frac{3}{8}$ x $\frac{1}{2}$ in.**Front**3 x $1\frac{3}{16}$ in.**Latch Bolt**Easy spring, $\frac{3}{8}$ in. throw.**Hub**Iron, $\frac{5}{16}$ in.**Strike**Lip to center, 1 in.**Operation**By knobs from either side.

No.	Front	Bolt	Backset Inches	Packed in a Box	Weight Dozen
45	Cast Brass or Bronze Polished	Cast Bronze Polished	$2\frac{7}{16}$ in.	6	5 lbs.

Packed with screws.



90

CaseJapanned iron, $2\frac{7}{16}$ x $3\frac{1}{2}$ x $\frac{5}{8}$ in.**Front** $4\frac{3}{8}$ x $1\frac{1}{8}$ in.**Latch Bolt**Easy spring, $\frac{7}{16}$ in. throw. Double compression spring on hub.**Hub**Iron, $\frac{5}{16}$ in.**Strike**Lip to center, $1\frac{1}{4}$ in.**Operation**By knobs from either side.

No.	Front	Bolt	Backset Inches	Packed in a Box	Weight Dozen
90	Cast Brass or Bronze Polished	Cast Bronze Polished	$2\frac{3}{4}$	3	$11\frac{1}{2}$ lbs.

Packed with screws.

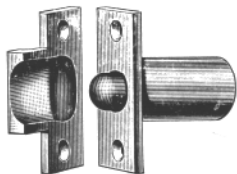
Friction Latch

RECOMMENDED FOR HOSPITAL DOORS

Composition plunger and adjustable spring tension deaden sound of operation.

The use of a door closer is recommended on all doors equipped with this latch to supplement the functions of latch in keeping door closed in case of strong draughts.

The use of this latch is especially desirable on doors equipped with arm door pulls, type of 4337, page 121.

Case1 in. dia., $1\frac{7}{8}$ in. long.**Front** $2\frac{1}{2}$ x $1\frac{1}{8}$ in.**Strike** $2\frac{1}{2}$ x 1 in., lip to center, $1\frac{1}{8}$ in.

1825

No.	Material and Finish	Plunger	Packed in a Box	Weight Dozen
1825	Cast Brass or Bronze Polished	Composition	12	6 lbs.

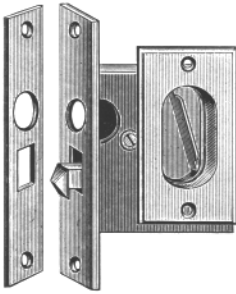
Packed with screws.

Specify number and finish. See pages 1 and 2.



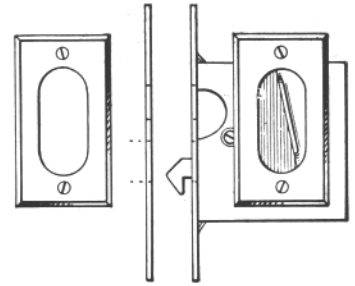
Mortise Sliding Door Latches

181



91, 091

CaseJapanned iron, 3 x 3 $\frac{1}{8}$ x $\frac{5}{8}$ in.
Front5 x 1 in.
Strike5 x 1 in.
Cup Escutcheon ..3 $\frac{3}{4}$ x 2 in. cast metal.
OperationBy lift lever from either side.



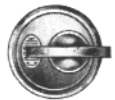
Outline of 291 and 0291

No.	Front and Escutcheons	Bolt and Lift Lever	For Doors	Cup Escutcheons No. 2103	Packed in a Box	Weight Dozen
91	Wrought Brass or Bronze Polished Polished	Cast Bronze Polished Polished	Single Double	Two Four	1 Set	16 lbs.
291					1 Set	20 $\frac{1}{4}$ lbs.
091	Wrought Steel Plated Plated	Polished Polished	Single Double	Two Four	1 Set	16 lbs.
0291					1 Set	20 $\frac{1}{4}$ lbs.

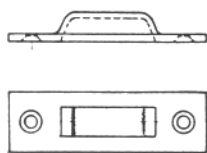
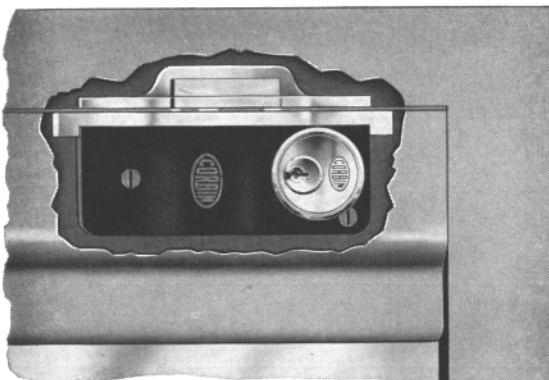
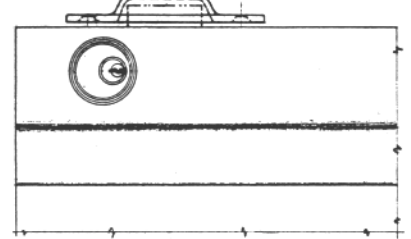
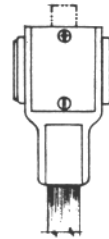
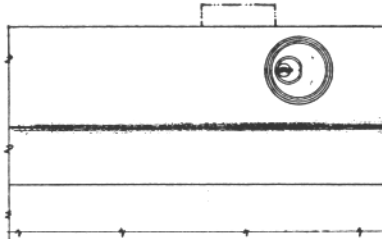
Packed with screws.

Mortise Dead Locks

BALL BEARING CYLINDER



4292

Top or Bottom
Strike.Furnished with Expansion
Shields when so
required.**Case**Japanned iron, 1 $\frac{7}{8}$ x 4 $\frac{1}{2}$ x 1 $\frac{5}{16}$ in.**Front**5 $\frac{3}{16}$ x 1 $\frac{13}{32}$ in.**Dead Bolt** $\frac{1}{2}$ in. throw.

OperationNo. 5255 by key from either side.
 No. 5256 by key from outside and thumb knob
 from the inside.

No.	Front	Bolt	Backset Inches	Thumb Knob Cast Brass or Bronze	Cylinders Cast Brass or Bronze
5255	Cast Brass or Bronze Polished Polished	Cast Bronze Polished Polished	1 $\frac{5}{16}$	None 1 No. 4292	2 No. 253
5256			1 $\frac{3}{16}$		1 No. 253

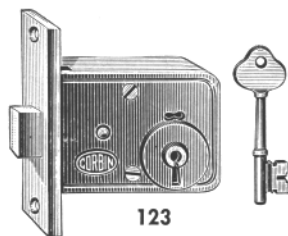
Packed with screws.

Specify number and finish. See pages 1 and 2.



182

Mortise Dead Locks



123

Reversible

CaseJapanned iron, $2\frac{5}{16}$ x $3\frac{1}{2}$ x $1\frac{1}{16}$ in.

Front $4\frac{1}{4}$ x 1 in.

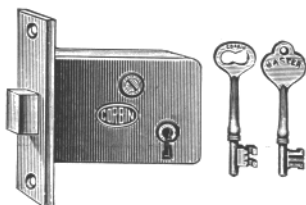
Bolt $\frac{7}{16}$ in. throw.

OperationBy key from either side.

Master-keying ... Master keyed in one set of 2100 all different, or in sets as desired, with master keys to pass each set, and when so ordered with grand master key to pass all. Master keyed with other locks having 0306 class master key.

No.	Front	Bolt	Backset Inches	1 Key N-P Steel Class	Master-key Class	Tumblers	Changes	Packed in a Box	Weight Dozen
123	Cast Brass or Bronze Polished	Cast Bronze Polished	$2\frac{11}{16}$	306	0306	3	2100	6	$12\frac{3}{8}$ lbs.

Packed with screws.



131, 132

Reversible

CaseJapanned iron, $2\frac{1}{8}$ x $3\frac{1}{4}$ x $\frac{9}{16}$ in.

Front4 x $1\frac{5}{16}$ in.

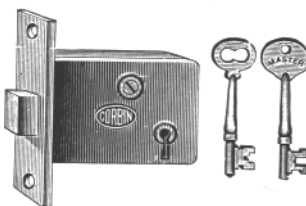
Bolt $\frac{1}{2}$ in. throw.

OperationBy key from either side.

Master-keying ... No. 132 can be master keyed in 5 sets of 50 each, the 250 all different with master keys to pass each set, and when so ordered with a grand master key to pass all. Master keyed with other locks having 195 class master key.

No.	Front	Bolts	Backset Inches	1 Key N-P Steel Class	Master-key Class	Tumblers	Changes	Packed in a Box	Weight Dozen
131	Cast Brass or Bronze Polished	Cast Bronze Polished	$2\frac{9}{16}$	$179\frac{3}{4}$	....	1	24	6	$6\frac{3}{8}$ lbs.
132	Cast Brass or Bronze Polished	Cast Bronze Polished	$2\frac{7}{16}$	$179\frac{3}{4}$	195	3	250	6	$7\frac{7}{8}$ lbs.

Packed with screws.



133

Reversible

CaseJapanned iron, $2\frac{1}{8}$ x $3\frac{1}{2}$ x $\frac{5}{8}$ in.

Front4 x 1 in.

Bolt $1\frac{1}{32}$ in. throw.

OperationBy key from either side.

Master-keying ... Master keyed in 4 sets of 160 each, or in 16 sets of 40 each, the 640 all different with master keys to pass each set, and when so ordered with a grand master key to pass all. Master keyed with other locks having 080 $\frac{7}{8}$ class master key.

No.	Front	Bolts	Backset Inches	1 Key N-P Steel Class	Master-key Class	Tumblers	Changes	Packed in a Box	Weight Dozen
133	Cast Brass or Bronze Polished	Cast Bronze Polished	$2\frac{3}{4}$	$80\frac{7}{8}$	080 $\frac{7}{8}$	3	640	6	$9\frac{3}{8}$ lbs.

Packed with screws.

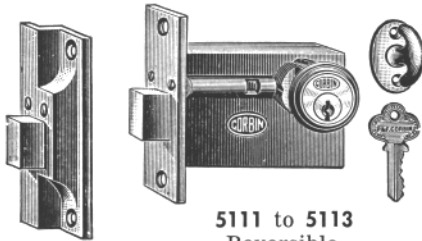
Specify number and finish. See pages 1 and 2.



Mortise Dead Locks

183

BALL BEARING CYLINDER



15111-15113

5111 to 5113
Reversible

CaseJapanned iron, $2\frac{1}{2}$ x $3\frac{3}{4}$ x $\frac{3}{4}$ in. Width of case on special backsets $\frac{7}{8}$ in. more than backset.

Front $4\frac{1}{8}$ x $1\frac{1}{8}$ in. Furnished with †rounded, or beveled front, when so ordered.

Dead Bolt $\frac{7}{16}$ in. throw.

OperationNo. 5111 by key from one side only.

No. 5112 by key from either side.

No. 5113 by key from the outside and thumb knob from the inside.

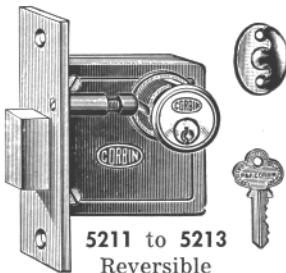
Master-keying... Can be master-keyed with other cylinder locks.

No.	Front	Bolt	Backset		Thumb Knob Cast Brass or Bronze	Cylinder Cast Brass or Bronze	2 Keys Nickel-silver Class	Master- Key Class	Changes	Packed in a Box	Weight Dozen
			Regular Inches	Special Inches							
	Cast Brass or Bronze	Cast Bronze									
5111	Polished	Polished	2 $\frac{3}{4}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	Without	1 No. 253	77	077	Unlimited	1	19 $\frac{1}{2}$ lbs.
5112	Polished	Polished	2 $\frac{3}{4}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	Without	2 No. 253	77	077	Unlimited	1	23 $\frac{1}{4}$ lbs.
5113	Polished	Polished	2 $\frac{3}{4}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 No. 2140	1 No. 253	77	077	Unlimited	1	21 lbs.
*15111	Polished	Polished	3 $\frac{1}{4}$	.....	Without	1 No. 253	77	077	Unlimited	1	22 $\frac{1}{2}$ lbs.
*15112	Polished	Polished	3 $\frac{1}{4}$	.....	Without	2 No. 253	77	077	Unlimited	1	25 $\frac{1}{2}$ lbs.
*15113	Polished	Polished	3 $\frac{1}{4}$	.....	1 No. 2140	1 No. 253	77	077	Unlimited	1	24 lbs.

†Rounded front to 3-9/16 in. radius, unless otherwise ordered.

*Not reversible, specify hand, backset long side.

Packed with screws.



5211 to 5213
Reversible

CaseJapanned Iron, $3\frac{1}{4}$ x $3\frac{5}{8}$ x $\frac{3}{4}$ in. Width of case on special back sets 1 in. more than backset.

Front $5\frac{1}{2}$ x $1\frac{1}{4}$ in. †Furnished rounded or beveled front when so ordered.

Dead Bolt $\frac{1}{2}$ in. throw.

OperationNo. 5211 by key from one side only.

No. 5212 by key from either side.

No. 5213 by key from outside and thumb knob from the inside.

Master-keying... Can be master-keyed with other cylinder locks.

No.	Front	Bolts	Backset		Thumb Knob Cast Brass or Bronze	Cylinders Cast Brass or Bronze	2 Keys Nickel-silver Class	Master- Key Class	Changes	Packed in a Box	Weight Dozen
			Regular Inches	Special Inches							
	Cast Brass or Bronze	Cast Bronze									
5211	Polished	Polished	2 $\frac{3}{4}$	2	Without	1 No. 253	77	077	Unlimited	1	22 $\frac{1}{2}$ lbs.
5212	Polished	Polished	2 $\frac{3}{4}$	2	Without	2 No. 253	77	077	Unlimited	1	25 $\frac{1}{2}$ lbs.
5213	Polished	Polished	2 $\frac{3}{4}$	2	1 No. 2140	1 No. 253	77	077	Unlimited	1	24 lbs.

†Rounded front to 3-9/16 in. radius unless otherwise ordered.

Packed with screws.

Specify number, thickness of door and finish. See pages 1 and 2.



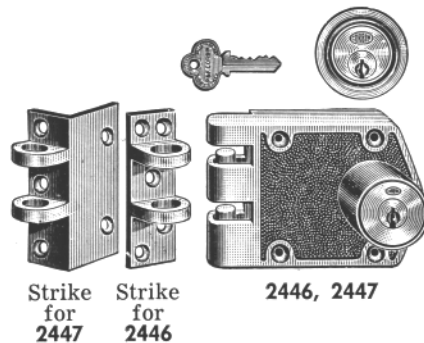
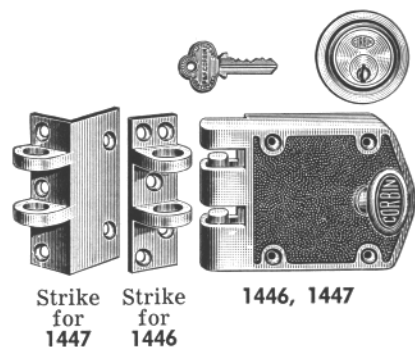
184

Rim Bar-Bolt Dead Locks

Reversible

BALL BEARING CYLINDER

For doors 1 to 2½ in. thick



Case 2⅞ x 4⅜ x ⅞ in. Projection of bolt housing 1 in.

Knob Wrought brass.

Strikes No. 1446 and 2446 flat strike cast brass, size 3⅞ x 1 in. for single doors opening out and for single and double sliding doors.

No. 1447 and 2447 angle strike cast brass, size 3⅞ x 1 in. with ⅞ in. flange for single doors opening in and for double doors opening in or out.

Operation No. 1446 and 1447 by key from outside and knob from inside at all times.

No. 2446 and 2447 by key from either side at all times.

No.	Case	Type of Strike Cast Brass	Bar Bolts Steel	†Regular Backset Inches	Cylinder Cast Brass	2 Keys Nickel-silver Class	Changes	Packed in a Box	Weight Dozen
	Die Cast								
1446	Brass Plated	Flat	Hardened	2⅞	1 No. 251	77	Unlimited	1	21 lbs.
1447	Brass Plated	Angle	Hardened	2⅞	1 No. 251	77	Unlimited	1	22¼ lbs.
2446	Brass Plated	Flat	Hardened	2⅞	2 No. 251*	77	Unlimited	1	25 lbs.
2447	Brass Plated	Angle	Hardened	2⅞	2 No. 251*	77	Unlimited	1	25¾ lbs.

Packed with screws.

Can also be furnished in CR (chromium plated) finish.

For double doors opening out the lock is applied to the inactive leaf and the angle strike to the active leaf.

*Inside cylinder is special with plug in center.

†The regular backset does not include the projection of the bolt housing. The overall backset including bolt housing is 3-7/16 in.

Rim Dead Locks

Reversible

BALL BEARING CYLINDER

Case 2⅞ x 3⅞ in.

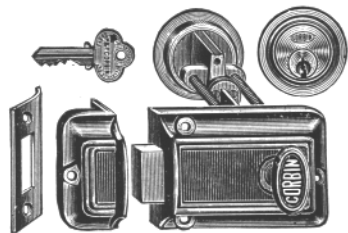
Knob Wrought brass.

Dead Bolt ½ in. throw.

Strikes Rim type 2⅞ x 2 in. with ¾ in. flange, cast iron black wrinkle japan finish for doors opening in, regularly furnished.
Angle type 2½ x 1¼ in. wrought steel, brass plated, for doors opening out. Furnished only when so ordered.

Operation By key from outside and turn knob inside.

Master-keying .. Can be master-keyed with other cylinder locks.



360

No.	Case	Bolts	Backset Inches	Cylinder	2 Keys Nickel-silver Class	Master- key Class	Changes	Packed in a Box	Weight Dozen
360	Cast Iron Black Wrinkle Japan	Cast Bronze Polished	2⅞	Cast Brass 1 No. 251	77	077	Unlimited	1	19⅞ lbs.

Packed with screws.

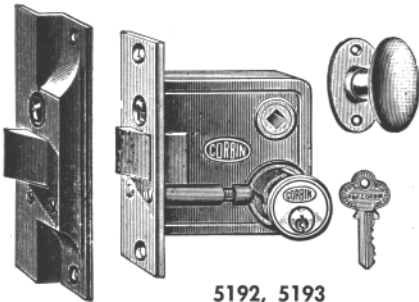
Can be furnished in EAW, HBW, or ALW finishes when so ordered.

Specify number and finish. See pages 1 and 2.



Mortise Night Latches

185

*15192,
151935192, 5193
Reversible

CaseJapanned Iron, 3¼ x 3½ x ¾ in.

FrontFlat 5½ x 1½ in.
Rabbeted 5¾ x 1⅞ in. ½ in. rabbet, bevelled ⅛ in.
2 in.

Spacing1¾ in.

Latch BoltEasy spring, ⅞ in. throw.

HubBronze, ⅞ in.

StrikeLip to center, 1¼ in.

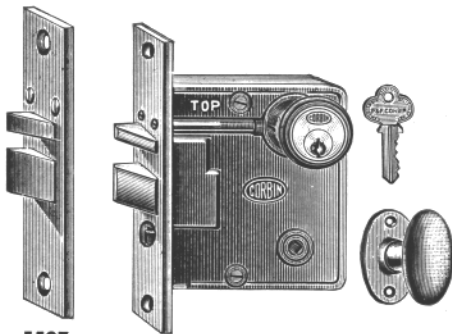
OperationNo. 5192 by key from either side.
No. 5193 by key from outside and thumb knob inside.
Latch bolt held retracted by stop in face.

Master-keying... Can be master-keyed with other cylinder locks.

No.	Front	Type Front	Bolt	Backset Inches	One Knob Cast Brass or Bronze	Cylinder Cast Brass or Bronze	2 Keys Nickel-silver Class	Master Key Class	Changes	Packed in a Box	Weight Dozen
	Cast Brass or Bronze		Cast Bronze								
5192	Polished	Flat	Polished	2¾	Without	2 No. 253	77	077	Unlimited	1	25½ lbs.
5193	Polished	Flat	Polished	2¾	2248	1 No. 253	77	077	Unlimited	1	25½ lbs.
*15192	Polished	Rab'td	Polished	2¾	Without	2 No. 253	77	077	Unlimited	1	31½ lbs.
*15193	Polished	Rab'td	Polished	2¾	2248	1 No. 253	77	077	Unlimited	1	31½ lbs.

Packed with screws.

*Not reversible, specify hand.

5597
Type of
55985592, 5593
Reversible

Case4½ x 3¾ x ¾ in.

Front6 x 1⅞ in.

Spacing2½ in. center of knob hub to center of cylinder.

Latch BoltEasy spring, ⅞ in. throw.

HubBronze, ⅞ in.

StrikeLip to center, 1¼ in.

Auxiliary Latch... Automatically locks the latch bolt so that it cannot be forced back by end pressure when the door is closed, but does not prevent key or knob from operating latch bolt.

OperationNo. 5592 by key from either side.
No. 5593 Latch bolt by key from outside and knob from the inside.

Latch bolt is held retracted by stop in face.

No. 5597 by key from outside and knob from the inside. Both latch and auxiliary bolts can be held retracted by the key.

No. 5598 latch bolt by key from outside. Inside cylinder retracts latch and auxiliary bolts.

Master-keying... Can be master-keyed with other cylinder locks.

No.	Front	Bolts	Backset Inches	One Knob Cast Brass or Bronze	Cylinder Cast Brass or Bronze	2 Keys Nickel-silver Class	Master Key Class	Changes	Packed in a Box	Weight Dozen
	Cast Brass or Bronze	Cast Bronze								
5592	Polished	Polished	2¾	Without	2 No. 253	77	077	Unlimited	1	34½ lbs.
5593	Polished	Polished	2¾	2248	1 No. 253	77	077	Unlimited	1	34½ lbs.
5597	Polished	Polished	2¾	Without	1 No. 253	77	077	Unlimited	1	34½ lbs.
*5598	Polished	Polished	2¾	Without	2 No. 253	77	077	Unlimited	1	34½ lbs.

Packed with screws.

*Not reversible, specify hand.

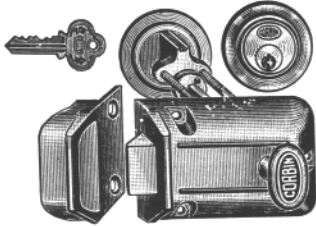
Specify number, thickness of door and finish. See pages 1 and 2.



186

The Modern Aluminum Night Latch

FREE HAND OPERATION

CAST BRASS, BALL BEARING, PIN TUMBLER CYLINDER
FOR DOORS 1 $\frac{1}{8}$ TO 2 $\frac{3}{4}$ IN. THICK

3A6

CaseAluminum die cast, 2 $\frac{7}{16}$ x 3 $\frac{5}{8}$ x 1 $\frac{1}{16}$ in.**Knob** Wrought brass.**Latch Bolt**Aluminum die cast, $\frac{9}{16}$ in. throw.**Strikes**Regularly furnished with aluminum die cast rim strike, for doors opening in. Wrought steel brass plated angle strike for doors opening out can be furnished in place of rim strike, when ordered.**FREE HAND OPERATION:** When the Latch Bolt has been secured in retracted position by either the Key or Turn Knob, the hand is left free to operate the door knob, which is a distinct advantage to a person wishing to leave or enter with an arm full of bundles.

No.	Finish	Backset	Cylinder Cast Brass	2 Keys Nickel-Silver Class	Changes	Packed in a Box	Weight Dozen
3A6	Neutral Gun Metal	2 $\frac{3}{8}$ in.	1 No. 251	77	Unlimited	1	12 $\frac{1}{4}$ lbs.

Packed with screws. Other metallescent finishes available, Dull Brass, Maroon Bronze and Aluminum.

Counter Demonstrator

FOR 3A6 NIGHT LATCH

**No. K10****Overall size:** 7 $\frac{7}{8}$ in. long, 5 $\frac{9}{16}$ in. high and 4 $\frac{3}{8}$ in. wide.

An operating wooden mount arrestingly lacquered in rich blue and bright yellow and complete with factory installed 3A6 latch.

Packed one in a box

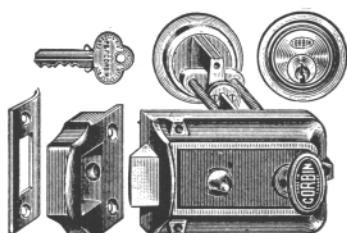
Weight each 2 $\frac{1}{2}$ lbs.

Rim Night Latches

187

BALL BEARING CYLINDER

For doors 1 to 2½ in. thick



3R6
Reversible

Case2¾ x 3¾ x 1¼ in.

KnobWrought brass.

Latch Bolt¾ in. throw.

StrikesRegularly furnished with rim strike for door opening in.
Angle strike for door opening out furnished only when ordered.

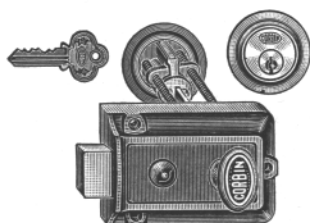
OperationBy key from outside and knob inside. The stop in case holds the latch bolt retracted.

Master-keying ...Can be master-keyed with other cylinder locks.

No.	Case	Bolt	Backset Inches	Cylinder Cast Brass	2 Keys Nickel-silver Class	Master- key Class	Changes	Packed in a Box	Weight Dozen
3R6	Cast Iron Black Wrinkle Japan	Cast Iron Brass Plated	2¾	1 No. 251	77	077	Unlimited	1	21 lbs.

Packed with screws.

Can be furnished in EAW, HBW or ALW finishes when so ordered.



3D6
Reversible

Case2¾ x 3¾ x 1¼ in.

KnobWrought brass.

Latch Bolt¾ in. throw.

StrikesNone.

OperationKey from outside and knob inside retracts spring bolt. Bolt held retracted by stop in case.

Recommended for overhead type doors.

No.	Case	Bolts	Backset Inches	Cylinder Cast Brass	2 Keys Nickel-silver Class	Changes	Packed in a Box	Weight Dozen
3D6	Cast Iron Black Wrinkle Japan	Cast Iron Brass Plated	2¾	1 No. 251	77	Unlimited	1	16½ lbs.

Packed with screws.

Can be furnished in EAW, HBW or ALW finishes when so ordered.

Specify number and finish. See pages 1 and 2.

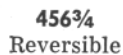




BALL BEARING CYLINDER
For doors 1 to 2½ in. thick

Case	.....23/8 x 35/8 x 11/16 in.
Knob	.....Wrought brass.
Latch Bolt	.....9/16 in. throw.
Strikes	.....Regularly furnished with rim strike for door opening in. Angle strike for door opening out furnished only when ordered.
Operation	.....By key from outside and knob inside. The step in case holds the bolt retracted.
Master-keying	...Can be master-keyed with other cylinder locks.

Packed with screws. Can be furnished in EAW, HBW or ALW finishes when so ordered.



Case	.....	2½ x 3⅝ x 1½ in.
Knob	.....	Wrought brass.
Latch Bolt	....	⅞ in. throw.
		The trip in center of latch bolt is held retracted by contact with the strike and secures the latch bolt from being forced back by end pressure.
Strikes	.....	Regularly furnished with rim strike for door opening in. Angle strike for door opening out furnished only when ordered.
Operation	.....	By key from the outside and knob from the inside. The stop in case holds the bolt retracted.
Master-keying	..	Can be master-keyed with other cylinder locks.

Packed with screws. Can be furnished in EAW, HBW or ALW finishes when so ordered.

BALL BEARING CYLINDER

For Doors $1\frac{5}{16}$ in. to 2 in. Thick



CaseDie cast 1 in. diameter, $3\frac{3}{16}$ in. long.

Front $2\frac{1}{2}$ x $1\frac{1}{16}$ in.

Dead BoltFull $\frac{1}{2}$ in. throw.

Turn KnobWrought brass or bronze, plate $2\frac{5}{8}$ in. diameter.

Strike $2\frac{1}{4}$ x $1\frac{1}{8}$ in.

OperationBy key from the outside and by turn knob from the inside.

Packed with screws.

Specify number and finish. See pages 1 and 2.



Padlocks

189

BALL BEARING CYLINDER



2863 1/4

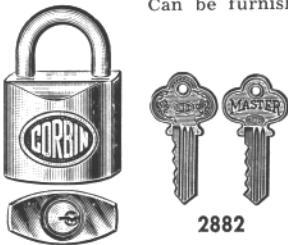
Made from solid block of extruded brass bored out to receive mechanism.

Heavy wrought spring shackle, 1 1/32 in. diameter. Height of opening, 1 3/16 in.

Master-keying ..Nos. 2863 1/4 and 2863 1/4 C can be master-keyed in sets as desired with other 6 pin Corbin master-keyed cylinder locks.

No.	Overall Size of Case		Material and Finish		2 Keys Nickel-silver Class	Master-key Class	Changes	Packed in a Box	Weight Each
	Height	Width	Case	Shackle					
2863 1/4	1 23/32	1 15/16	All Brass	Wrought Brass	73 1/4	073 1/4	Unlimited	1	1 lb.
2863 1/4 A	1 23/32	1 15/16	All Brass	Steel, Case Hardened, Zinc Plated, Dichromate	73 1/4	073 1/4	Unlimited	1	1 lb.

Can be furnished with 9 in. brass chain. In ordering affix letter C to number, thus 2863 1/4 C, 2863 1/4 AC.



2882

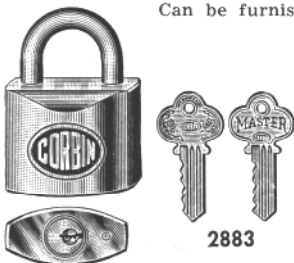
Made from solid block of extruded brass bored out to receive mechanism.

Heavy wrought spring shackle, 1 1/32 in. diameter. Height of opening, 3/4 inches.

Master-keying ..Nos. 2882 1/4 and 2882 1/4 A can be master-keyed with other 5 Pin Corbin cylinder locks in the average installation. Where large groups are to be master-keyed use No. 2863 1/4 padlock.

No.	Overall Size of Case		Material and Finish		2 Keys Nickel-silver Class	Master-key Class	Changes	Packed in a Box	Weight Each
	Height	Width	Case	Shackle					
2882	1 1/16 in.	1 3/4 in.	All Brass	Wrought Brass	77	...	Unlimited	1	11 1/2 oz.
2882 1/4	1 1/16 in.	1 3/4 in.	All Brass	Wrought Brass	77	077	Unlimited	1	11 1/2 oz.
2882 A	1 1/16 in.	1 3/4 in.	All Brass	Steel, Case Hardened, Zinc Plated, Dichromate	77	...	Unlimited	1	11 1/2 oz.
2882 1/4 A	1 1/16 in.	1 3/4 in.	All Brass	Steel, Case Hardened, Zinc Plated, Dichromate	77	077	Unlimited	1	11 1/2 oz.

Can be furnished with 9 in. brass chain. In ordering affix letter C to number, thus 2882 C, 2882 1/4 AC.



2883

Made from solid block of extruded brass bored out to receive mechanism.

Heavy wrought spring shackle, 1 1/32 in. diameter. Height of opening, 1 3/16 inches.

Master-keying ..Nos. 2883 1/4 and 2883 1/4 A can be master-keyed with other 5 Pin Corbin cylinder locks in the average installation. Where large groups are to be master-keyed use No. 2863 1/4 padlock.

No.	Overall Size of Case		Material and Finish		2 Keys Nickel-silver Class	Master-key Class	Changes	Packed in a Box	Weight Each
	Height	Width	Case	Shackle					
2883	1 5/8 in.	2 in.	All Brass	Wrought Brass	77	...	Unlimited	1	14 oz.
2883 1/4	1 5/8 in.	2 in.	All Brass	Wrought Brass	77	077	Unlimited	1	14 oz.
2883 A	1 5/8 in.	2 in.	All Brass	Steel, Case Hardened, Zinc Plated, Dichromate	77	...	Unlimited	1	14 oz.
2883 1/4 A	1 5/8 in.	2 in.	All Brass	Steel, Case Hardened, Zinc Plated, Dichromate	77	077	Unlimited	1	14 oz.

Can be furnished with 9 in. brass chain. In ordering affix letter C to number, thus 2883 C, 2883 1/4 AC.

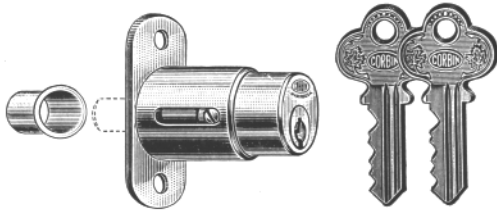
Specify number.



190

Sliding Door Lock

FOR SLIDING DISPLAY CASE OR CABINET DOORS

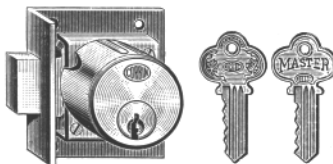
**Cylinder**1½ in. Diameter. For 1⅝ in. Wood.**Bolt**½ in. Diameter. ½ in. Throw.**Strike**Cup Type.**Operation**Push in Cylinder to Lock. Use Key to unlock.

No.	Material	Size Inches	Cylinder Cast Brass	2 Keys Nickel-silver Class	Changes	Packed in a Box	Weight Dozen
02291S	All Brass	2⅝ x 1⅝	One	77	Unlimited	6	4 lbs.

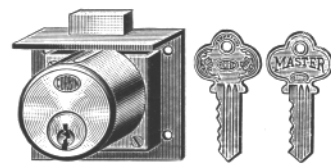
Packed with screws.

Cabinet Locks

BALL BEARING CYLINDER

**0371CX, Right Hand***

Not Reversible

Selvage2¼ x ⅞ in.**Bolt**Broad and heavy, ⅝ in. throw.**Cylinder**1½ in. diameter. For 1⅝ in. wood. Can be furnished for other thicknesses of wood when so ordered.**Master-keying** ..Master-keyed in sets as desired with other master-keyed cylinder locks.**0686X****Selvage**½ x 2¼ in.**Bolt**Broad and heavy, ⅝ in. throw.**Cylinder**1½ in. diameter. For 1⅝ in. wood. Can be furnished for other thicknesses of wood when so ordered.**Master-keying** ..Master-keyed in sets as desired with other master-keyed cylinder locks.

No.	Material	Size Inches	Backset Inches	Cylinder Cast Brass	2 Keys Nickel-silver Class	Master-key Class	Changes	Packed in a Box	Weight Dozen
*0371CX	All Brass	2¼ x 2	1	One	77	077	Unlimited	1	5 lbs.
*0371DX	All Brass	2¼ x 2¼	1¼ Drop	One	77	077	Unlimited	1	5 lbs.
0686X	All Brass	2 x 2¼	1	One	77	077	Unlimited	1	4¾ lbs.

Packed with screws.

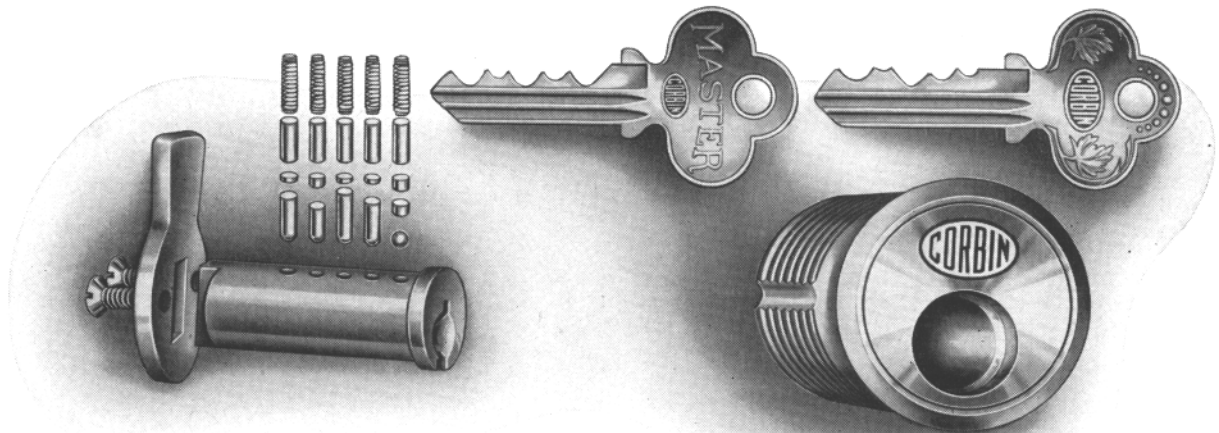
*Specify hand. Specify number and finish. See pages 1 and 2.



The Corbin Pin Tumbler Cylinder

WITH BALL BEARINGS

191



The pin-tumbler cylinder has done more to make security available to everyone who desires it than any other development in the locksmith's art. Its mechanism is superior to any other in general use in the protection it affords, and its form permits its adaptation for all the types of locks with which keys are used. There are few key rings upon which keys to cylinder locks are not found.

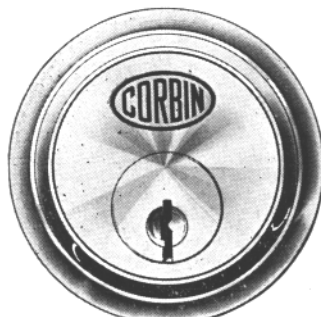


Fig. 1

that will fit with exactness. The interlocking of the key with the channel cut in the plug prevents any tilting or up-and-down motion of the key. The highest degree of accuracy in form and fit is necessary, and nothing but a Corbin key can be made to operate a Corbin cylinder.

Figure 2 is a sectional view of a cylinder used with Corbin rim night latches. This also is embedded in the door, the front alone being visible.

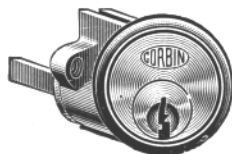


Fig. 2

of the plug, permitting the key to rotate it. A very slight variation on any one of the five pins will prevent the key from turning the plug. It is easy to understand how such nicety will prevent the operation of the lock except by the key to which it is made.

Figure 1 shows the face of a Corbin cylinder used with mortise door locks. The cylinder is embedded in the door, the face only being visible and the key-hole forming the only point of attack. The key-way is of an irregular contour, the projections extending to the center of the slot. The plug which contains the keyway is cut from a solid bar, the irregular contour extending through its entire length, requiring a key

The spring pressed pins firmly bolt the plug to the shells. To operate, a key must be used which will raise the pins to a point where the divisions coincide with the surface

Figure 3 shows the same cylinder with the key inserted, raising the pins and releasing the plug, permitting the cylinder to operate the lock. Each one of the five pins can

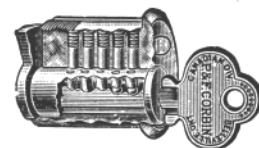


Fig. 3

be made in several different lengths, so that it is easy to understand the large number of key-changes, each distinct and different from any other, that can be provided.

The balls eliminate friction and wear at the point where the key enters. The first pin is balanced directly upon a ball, and when the key is inserted, the ball rolls in its place and imparts a directly upward movement to the pins. There is almost no resistance when a key is inserted or withdrawn. The use of balls is a Corbin invention and places the cylinders in a class by themselves.

The use of master-keys is becoming general wherever there are many doors through which it is desired to limit passage to groups or individuals. In a hotel, for instance, each room will have a guest key which is different from all others in the building; each floor will have a different master-key for its chambermaid; and the office will have a grand master-key or emergency key which will open all doors. In a hospital there will be one distinct system for the medical portion; another for the service portion, and an executive group different from either with grand master-keys to pass all. Office buildings, factories, universities, railroad systems and large institutions have carefully developed keying systems so arranged as to be capable of extension or changes. A new project can be master keyed or grand master keyed with provision made for every new additional building along the line to automatically find its place in the plan as soon as erected. So general has the use of master-keys become that even residences of modest proportions are frequently keyed so that the master's key will unlock all doors, while the servants carry keys which will admit them at the rear doors only.

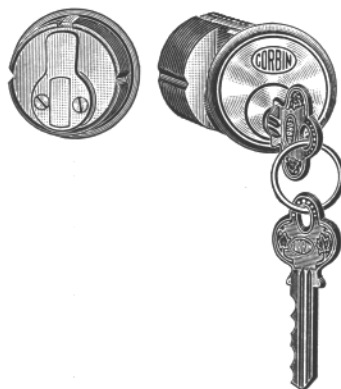


Corbin Pin Tumbler Cylinders

BALL BEARING



260 1/2



253, 263



251

No.	Diameter		Material and Finish	For Use with	Weight Each with 2 Keys
	Head Inches	Barrel Inches			
251	1 3/8	1 5/32	Cast Brass or Bronze	Rim Dead bolts and night latches. Dummy cylinder.	4 1/2 oz.
252	1 3/8	....	Polished		
			Polished		
*253	1 3/8	1 5/32	Polished	Mortise locks and latches. Unit locks 900, 904 series. Same as No. 253 with clover leaf cam.	6 oz.
260 1/2	....	....	Polished		
*263	1 3/8	1 5/32	Polished		
†460	....	....	Extruded Brass	For cylindrical locks, heavy duty.	3 1/2 oz.
†460 1/2	....	....	Extruded Brass	For cylindrical locks, master keyed.	3 1/2 oz.
†670	....	....	Extruded Brass	For cylindrical locks, standard duty.	3 1/2 oz.
†870	....	....	Extruded Brass	For cylindrical locks, light duty.	3 1/2 oz.

*Furnished 1, 1 1/4, 1 1/2, 1 3/4, 1 1/2, 1 5/8, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4. or 3 in. in length. State length required.

The length of mortise cylinders is measured under the head to outer edge of cam, see page 193.

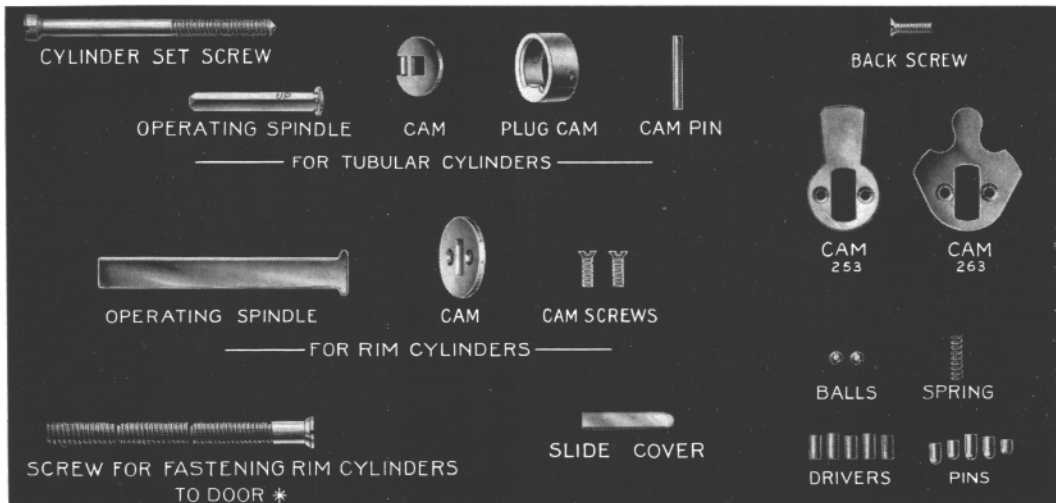
†See cylindrical section for detail information.

Specify number and finish. See pages 1 and 2.

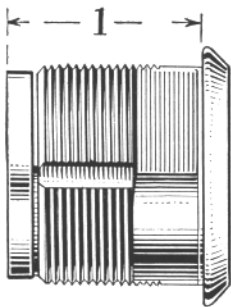


Cylinder Parts

193



In ordering cylinder parts, state number of cylinder with which parts are to be used; also, when possible, give number of lock.



THE LENGTH OF A CORBIN MORTISE CYLINDER

The catalogued length of a Corbin cylinder is the measurement from the lower edge of the face to the outer surface of the cam.

The one-inch cylinder is shown.

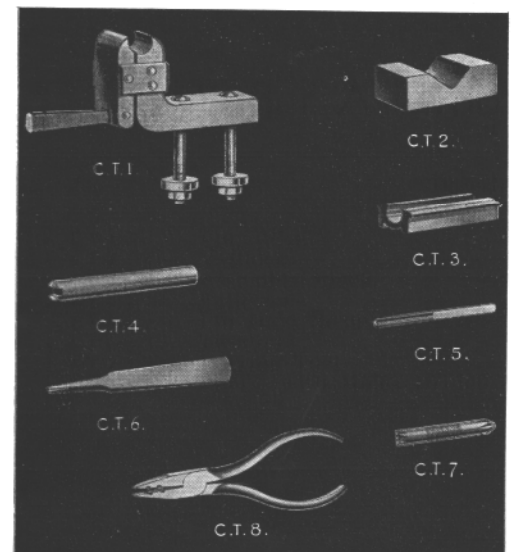
Lengths available:

No. 253 furnished 1, 1 $\frac{1}{8}$, 1 $\frac{1}{4}$, 1 $\frac{3}{8}$, 1 $\frac{1}{2}$, 1 $\frac{5}{8}$, 1 $\frac{3}{4}$, 2, 2 $\frac{1}{4}$, 2 $\frac{1}{2}$, 2 $\frac{3}{4}$, or 3 in. in length. State length required.

No. 263 furnished 1, 1 $\frac{1}{8}$, 1 $\frac{1}{4}$, 1 $\frac{3}{8}$, 1 $\frac{1}{2}$, 1 $\frac{5}{8}$, 1 $\frac{3}{4}$, 2, 2 $\frac{1}{4}$, 2 $\frac{1}{2}$, or 2 $\frac{3}{4}$ in. in length. State length required.

Cylinder Assembly Tools

No.	Description
CT 1	Plug Vise
CT 2	V Block
CT 3	Assembly Block
CT 4	Follower
CT 5	Pin Hole Reamer
CT 6	Tweezers
CT 7	Burring Tool
CT 8	Pliers, with Holes Drilled for 253 Cylinder Pins



194

Nickel-Silver Keys



CHANGE KEYS

(Current Series)

MASTER-KEYS

Class No.	Description	Class No.	Description
77	For five pin cylinders Nos. 260½, 251, 253, etc.	077	For five pin cylinders Nos. 260½, 251, 253, etc.
73¼	For six pin cylinders Nos. 260½, 251, 253, etc.	073¼	For six pin cylinders Nos. 260½, 251, 253, etc.
*74	For six pin cylinders Nos. 260½, 251, etc. and 253, not less than 1¼ inch in length	*074 *074¼ *074½	{ For six pin cylinders Nos. 260½, 251, etc. and 253, not less than 1¼ inch in length

*Furnished regularly with certain locks with special functions such as hotel locks, etc.



CHANGE KEYS

(Old Series)

MASTER KEYS

Class No.	Description	Class No.	Description
67	For five pin cylinders Nos. 260½, 251, 253, etc.	067	For five pin cylinders Nos. 260½, 251, 253, etc.
63¼	For six pin cylinders Nos. 260½, 251, 253, etc.	063¼	For six pin cylinders Nos. 260½, 251, 253, etc.
*64	For six pin cylinders Nos. 260½, 251, and 253, etc. not less than 1¼ inch in length.		

*Furnished regularly with certain locks with special functions such as hotel locks, etc.

When key blanks are required, so state. When cut keys are required, specify change number (with prefixed letter, if any).

Key blanks packed three dozen in a box.



Nickel-Silver Keys

195



CHANGE KEYS

(Old Series)

MASTER-KEYS

Class No.	Description	Class No.	Description
57	For five pin cylinders Nos. 251, 253.	057	For five pin cylinders Nos. 251, 253.
53 1/4	For six pin cylinders Nos. 251, 253.	053 1/4	For six pin cylinders Nos. 251, 253.
*54	For six pin cylinders Nos. 251 and 253, not less than 1 1/4 inch in length.		

*Used with certain locks with special functions such as hotel locks, etc.

When key blanks are required, so state. When cut keys are required, specify change number (with prefixed letter, if any). Key blanks packed three dozen in a box.



196

Steel Keys

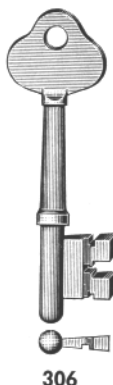
NICKEL PLATED



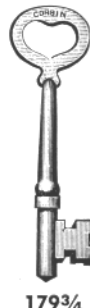
96 1/4



80 7/8



306



179 3/4



359 1/2

Class No.	For Locks	Class No.	For Locks
96 1/4 80 7/8 306	0186 133, 0251, 0261, 364, 365, 1365 123, 203, 274, 274A, 303, 383	179 3/4 359 1/2	131, 132, 685, 685 3/4 159 1/2, 0359, 359

When key blanks are required, so specify. When cut keys are required, specify class, change number (with prefixed letter, if any), and number of lock with which keys are to be used.

Key blanks packed three dozen in a box.

Iron Keys

NICKEL PLATED



179 1/4



011 1/4

Class No.	For Locks
179 1/4 011 1/4	0285, 01285, 285, 1285 961

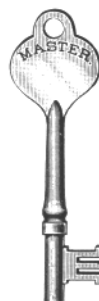
Cut keys only. Specify change number required.

Steel Master Keys

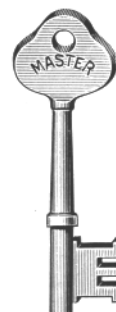
NICKEL PLATED



080 7/8



195



0306

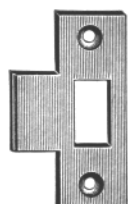
Class No.	For Locks
080 7/8 195 0306	133, 364, 365, 1365 132, 685 3/4 123, 203, 274, 274A, 303, 383



Strikes

197

FOR MORTISE LOCKS AND LATCHES



634

Type of
602, 0602,
603, 0603,
604



614, 0614



612



615

Type of
616, 620



0618

Type of
640, 641, 642



0636

No.	Size Inches	Lip to Center Inches	Material and Finish	For Locks or Latches Nos.
Wrought Brass or Bronze				
602	1 $\frac{7}{8}$ x $\frac{7}{8}$	1	Polished	10
603	2 $\frac{1}{4}$ x 1	1 $\frac{1}{4}$	Polished	29, 645, 659
604	2 x $\frac{7}{8}$	1	Polished	45
612	3 $\frac{3}{8}$ x $\frac{7}{8}$	1	Polished	685, 685 $\frac{3}{4}$
614	3 $\frac{1}{4}$ x $\frac{7}{8}$	1	Polished	285, 359
615	4 $\frac{1}{2}$ x 1 $\frac{5}{16}$	1	Polished	364
616	4 $\frac{1}{4}$ x 1 $\frac{1}{16}$	1	Polished	159 $\frac{1}{2}$, 159 $\frac{3}{4}$, 365
620	3 $\frac{5}{8}$ x 1 $\frac{1}{8}$	1 $\frac{1}{4}$	Polished	274, 274A
634	3 x 1	1 $\frac{1}{4}$	Polished	90, 177, 5192, 5193
640	5 x 1	1 $\frac{1}{4}$	Polished	5743
641	5 $\frac{5}{8}$ x 1 $\frac{3}{16}$	1 $\frac{1}{4}$	Polished	5262
642	5 x 1	1 $\frac{1}{4}$	Polished	5243
Wrought Steel				
0602	1 $\frac{7}{8}$ x $\frac{7}{8}$	1	Plated	01
0603	2 $\frac{1}{4}$ x 1	1 $\frac{1}{4}$	Plated	0645, 0659
0606	3 $\frac{7}{8}$ x 1 $\frac{3}{16}$	...	Japanned (Cast Iron)	961
0614	3 $\frac{1}{4}$ x $\frac{7}{8}$	1	Plated	0285, 0359
0618	4 $\frac{7}{8}$ x 1	1 $\frac{1}{2}$	Plated	0186
0636	4 $\frac{1}{2}$ x 1	1 $\frac{1}{4}$	Plated	0251

Packed with screws.

Specify number and finish. See pages 1 and 2.



Wrought Boxes

FOR USE WITH LOCK STRIKES

Furnished for any mortise latch or lock when so ordered.



WROUGHT BOX
Symbol **WBX**



WROUGHT BOX
Symbol **WBX**

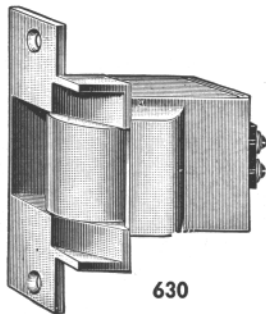


WROUGHT BOX
Symbol **WBX**

Specify number of latch or lock for which boxes are to be used.

Electric Door Openers

Regularly furnished for 6 to 12 volts D.C. or 12 to 24 volts A.C. When so ordered can be furnished for 24 volts D.C.



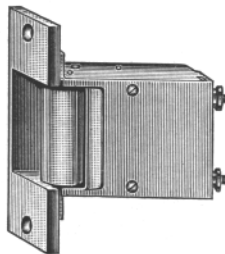
630

CaseIron, 2½ x 3½ x 1 in.
Front4½ x 1¼ in.



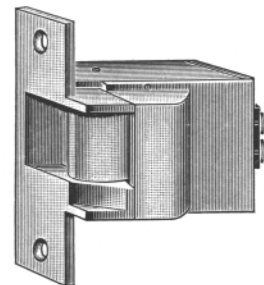
Pusher

1¼ x 1½ x ½ in.



430

Case1⅞ x 2¾ x 1 in.
Front3½ x 1⅞ in.



621

CaseIron, 2½ x 3½ x 1 in.
Front4½ x 1½ in.

No.	Front, Trip and Pusher	For Use with Locks	Packed in a Box	Weight Each
*430	Cast Brass or Bronze Polished	*Heavy Duty Cylindrical or Defender Cylindrical 1½" Door or over.	1	14 oz.
630	Polished	Regular Cylinder Locks	1	1⅜ lbs.
621	Polished	Unit Locks	1	1⅜ lbs.

*For doors 1¼ in. and over. For 1⅞ in. doors specify No. 630.

Packed with screws. State number of lock with which they are to be used.

Specify number and finish. See pages 1 and 2.

Lock Springs

199



Compression

No.	Gauge Wire	†Length Feet	Material	Used as
007	.036	3	Brass	Shoe spring.
008	.022	3	Brass	Latch spring for locks with type "A" construction.
009	.025	3	Phosphor Bronze	Latch spring for most locks with type "C" or "D" construction or for most cylinder locks.

†Can also be supplied in short pieces, when so ordered. Specify number of lock with which they are to be used.



Flat

No.	Width Inches	†Length Feet	Material
001	1/16	3	Phosphor Bronze
002	3/32	3	Steel
003	3/16	3	Steel
004	1/4	3	Steel

†Can also be supplied in short pieces, when so ordered. Specify number of lock with which they are to be used.

Lock Springs

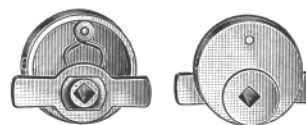


Extension

No.	Material	Used as
006	Brass	Lever spring for locks

Specify number of lock with which they are to be used.

Thumb Knob Cylinders



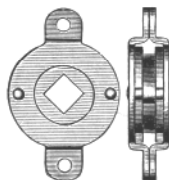
48

For thumb knobs with 3/16 in. spindle.
Inserted in lock case in place of cylinder where it is desired to have lock operated by thumb knob in place of key.

No.	Size as Cylinder	Material
48	253	Wrought Steel Brass Plated

Auxiliary Spring

FOR LEVER HANDLES



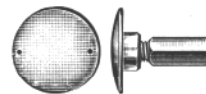
25

022½

Applied to wood under rose to hold lever handle in horizontal position.
Used under roses 1 7/8 in. diameter and over.

No.	For Spindle	Material
022½ 25	5/16 in. 3/16 in.	Wrought Steel Brass Plated Brass Plated

Cabinet Spindle Nut



22

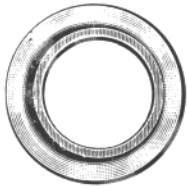
Applied to thumb knobs with either 3/16 in. or 5/16 in. spindles, when so ordered.

No.	Diameter	Material
22	of Button 7/8 in.	Cast Brass or Bronze Polished



200

Wrought Cylinder Collars



151

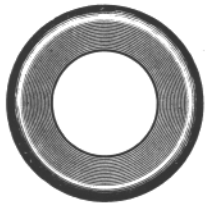


153



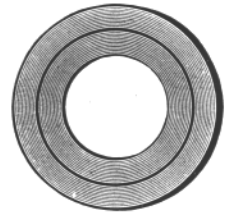
553 1/4
ADJUSTABLE
TYPE
Type of 553

No.	Dia., Inches	Material and Finish	Height, Inches	For Cylinder
151	1 7/8	Wrought Brass or Bronze		251
153	1 7/16	Roll Polish	1 1/8	253, 263
553	1 11/16	Roll Polish	3/16	253, 263
553 1/4	1 11/16	Roll Polish	5/16	253, 263



75213

Cast Cylinder Collars



19613

No.	Dia., Inches	Material and Finish	Height, Inches	For Cylinder
75213	2	Cast Brass or Bronze		253
*19613	2	Polished	3/16	253
		Polished	1/4	253

*Suffix 1/2 to number when required plain i.e. 19613 1/2.

Knob Screws



14



14 1/2



15



16



16 1/2, 17

No.	Size	Material and Finish	Used with	Packed in a Box	Weight Gross
14	1/4 in. 24 Thread	Steel, Plated	PY and Colonial Shank Knobs	1 Gross	1/2 lb.
14 1/2		Steel, Plated	Lever Handles	1 Gross	3/4 lb.
15	5/16 in. 32 Thread	Steel, Plated	Simplex and Glass Knobs	1 Gross	7/8 lb.
16	3/8 in. No. 9	Iron, Blued	For Pottery Knobs	1 Gross	3/8 lb.
16 1/2	*5/8 in. No. 9	Iron, Plated	Standard Shank Knobs	1 Gross	5/8 lb.
17	*5/8 in. No. 9	Bronze, Polished	Standard Shank Knobs	1 Gross	5/8 lb.

*Furnished 1/2 in. when so ordered.

Knob Washers



18

Knob Plates

Applied to door under rose or escutcheon
to hold knob rigid.



20

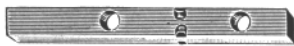
No.	For Spindle	Material	Packed in a Box
18	5/16 in.	Wrought Steel	1 lb.

No.	Size Inches	For Spindle	Material	Weight Dozen
20	1 1/8 x 1 1/8	5/16 in.	Cast Iron	5/8 lb.

Specify number and finish. See pages 1 and 2.

Knob Spindles

201



20



25



45 1/2, 045 1/2

Used with locks operated by knob from one side only



056, 056 1/4



36



56

No.	Size Inches	Material	Standard Length Inches	Use	Packed in a Box	Weight Dozen
20	5/16	Wrought Steel	27/8	For 03463 screen door	2 Doz.	1/2 lb.
25	5/16	Wrought Steel	3 1/4	For 03457 screen door	2 Doz.	3/4 lb.
36	5/16	Wrought Steel	4 1/4	For standard shank knobs	2 Doz.	1 lb.
56	5/16	Wrought Steel	5 1/4	For PY and TS type knobs	2 Doz.	1 lb.
056	5/16	Wrought Steel	3 3/8	For glass knobs	2 Doz.	3/4 lb.
056 1/4	5/16	Wrought Steel	4 1/2	For simplex knobs	2 Doz.	1 lb.
45 1/2	5/16	Wrought Steel	3 3/8	For simplex knobs	2 Doz.	1 lb.
045 1/2	5/16	Wrought Steel	2 3/8	For glass knobs	2 Doz.	3/4 lb.



044



032



033, 034

No.	Size Inches	Swivel Centers Inches	Material	Length Inches	Use	Packed in a Box	Weight Dozen
032	5/16	3/8	Wrought Steel	5	For PY and TS type knobs	2 Doz.	1 1/4 lbs.
033	5/16	3/8	Wrought Steel	4	For glass knobs	2 Doz.	1 1/4 lbs.
034	5/16	3/8	Wrought Steel	5	For simplex knobs	2 Doz.	1 1/2 lbs.
*044	5/16	5/16	Wrought Steel	5	For colonial shank	2 Doz.	1 1/2 lbs.

*Specify length.

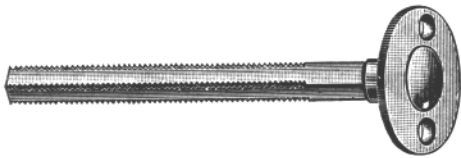
Specify number.



202

Knob Spindles

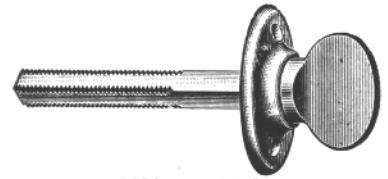
CLOSET



43 1/4



56 1/2



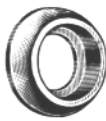
30 1/4 to 040 1/4

No.	Size Inches	Material	Overall Length Inches	Turn Knob		Use	Packed in a Box	Weight Dozen
				Rose Size Inches	Material Turn Piece Cast Rose Wrought			
30 1/4	5/16	Wrought Steel	2 13/16	1 3/4 x 1 3/8	Cast Brass or Bronze	For Glass Knobs	2 Doz.	1 7/8 lbs.
40 1/4	5/16	Wrought Steel	3 3/4	1 3/4 x 1 3/8	Cast Brass or Bronze	For PY and TS type knobs	2 Doz.	2 1/4 lbs.
43 1/4	5/16	Wrought Steel	.....	1 3/4	Cast Brass or Bronze	For PY and TS type knobs	2 Doz.	1 7/8 lbs.
030 1/4	5/16	Wrought Steel	2 13/16	1 3/4 x 1 3/8	Cast Iron Plated	For glass knobs	2 Doz.	1 7/8 lbs.
040 1/4	5/16	Wrought Steel	3 3/4	1 3/4 x 1 3/8	Cast Iron Plated	For PY and TS type knobs	2 Doz.	2 1/4 lbs.
56 1/2	5/16	Wrought Steel	3 7/8	.....	Wrought Steel	For rigid glass, PY or TS knobs	2 Doz.	14 oz.

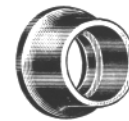
Packed with screws.



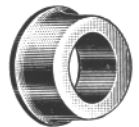
5, 6



7

Knob Thimbles
FOR USE ON ESCUTCHEONS

8



9

No.	Diameter Inches	Height Inches	Material and Finish	Description
5	1 1/8	5/16	Wrought Steel Plated	Used on all wrought steel escutcheons for standard shank knobs, simplex knobs, glass knobs and lever handles.
6	1 1/8	5/16	Wrought Brass or Bronze Polished	Used on all wrought brass or bronze escutcheons for standard shank knobs, simplex knobs, glass knobs and lever handles and on cast brass or bronze escutcheons for standard shank knobs and simplex knobs.
7	1 1/8	5/16	Cast Brass or Bronze Polished	Used on cast brass or bronze escutcheons for glass knobs and lever handles.
8	1 1/8	5/8	Cast Brass or Bronze Polished	Used on all escutcheons for cast shank knobs.
9	1 1/4	9/16	Cast Brass or Bronze Polished	Used on all TS screwless type knobs.

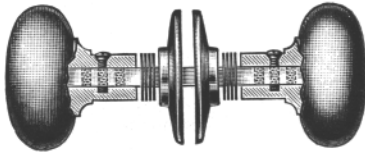
Specify number and finish. See pages 1 and 2.



Knob Attachments

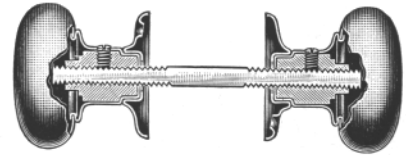
203

METHODS OF MOUNTING



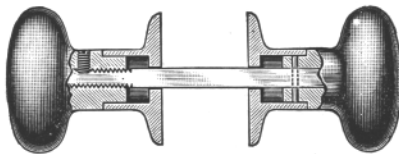
Plain or Standard Type

The knobs are attached to the spindle by screws which pass through the knob shanks and are screwed into the spindle, the knobs being drawn tight against the spindle. There are three holes in each end of the spindle, giving a range of adjustment of one inch. Washers introduced under the ends of the knob shanks eliminate end play.



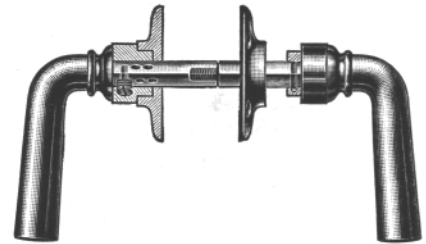
Simplex Type

The shanks of both knobs and both ends of the spindle are threaded and the knobs are screwed down to make a close working contact. The knobs are held in place by cup point set screws which are screwed down firmly against the flat surface of the spindle. For use with one piece wrought knobs and glass knobs.



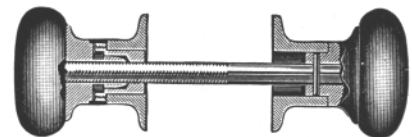
PY Screwless Type

The outer knob is fastened to the spindle by a pin which is covered by the thimble on the rose. The inner end of the spindle and the shank of the inner knob are threaded, and the knob is screwed down to make a close working contact. It is held in place by a cup point set screw, which screws down firmly against the flat surface of the spindle. There is a range of one inch in adjustment. The thimbles are long and bracketed onto the knob shanks, giving a smooth, easy action under close adjustment. For use with round one-piece wrought knobs with cast shank, and cast knobs, with exceptions noted on knob pages.



LH Type

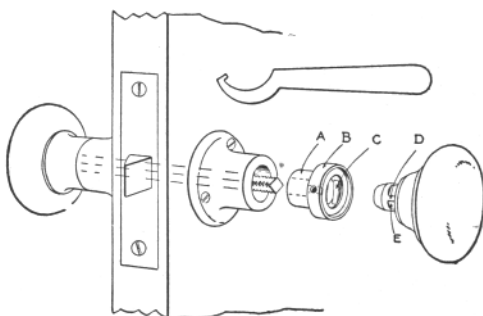
For lever handles, with exceptions noted on lever handle pages; used also for unusually heavy service. The outer handle is fastened to the spindle by a pin which is covered by the thimble on the rose. The inner handle is secured by a set screw terminating in a dowel pin which passes through the spindle into the opposite side of the shank. Close adjustment is obtained by lengthening or shortening the spindle by means of the screw in the swivel. Thickness of door should be stated when ordering.



**TS Screwless Type
(Patented)**

The outer knob is fastened to the spindle by a pin which is covered by the thimble on the rose. The inner end of this spindle is threaded. With the rose in place the shank "A" is screwed down onto the spindle so that it will make a close working contact with the rose. The knob is then placed on the spindle and forced down into the shank with the cam surface "D" pressing back the spring "C" so that the knob will fit tightly against the shank. Holding the knob in this position give the shank a 1/8 turn with the spanner wrench which engages a slot in the shank through the hole in the movable ring "B". This allows the springs "C" to enter groove "E" locking the knob firmly in place, after which the movable ring "B" should be turned with the fingers to conceal the slot in the shank.

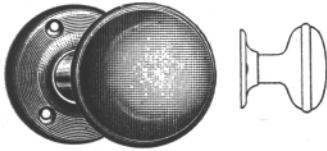
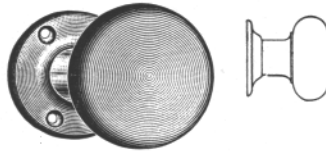
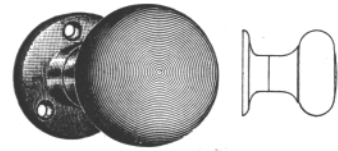
Cannot be used with wrought shank knobs.



204

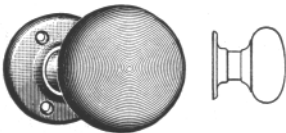
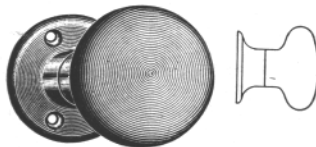
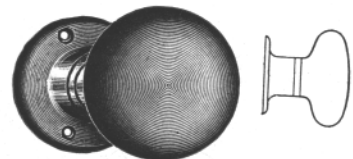
Rev. 6-1-57

Door Knobs

SPINDLE $\frac{5}{16}$ IN.**01623 1/2****1419 1/2, 01419 1/2****1419**
Type of 1419W x 1109 Rose

No.	Diam. Inches	Material and Finish	Projection Inches	Type Shank	Type Spindle	Rose			Packed in a Box	Weight Dozen Pairs
						No.	Diam. Inches	Material and Finish		
1419 1/2	2 1/4	Wrought Brass or Bronze								
1419	2 1/4	Polished	$2\frac{3}{16}$	Simplex	$056\frac{1}{4}$	1109	2	Brass or Bronze	6 pair	9 1/4 lbs.
1419W	2 1/4	Polished	$2\frac{3}{16}$	PY	56	1118	2	Wrought, Polished	6 pair	12 3/4 lbs.
		Polished	$2\frac{1}{32}$	PY	56	1109	2	Cast, Polished	6 pair	11 lbs.
								Wrought, Polished	6 pair	
01419 1/2	2 1/4	Wrought Steel								
01623 1/2	2 1/4	Plated	$2\frac{3}{16}$	Simplex	$056\frac{1}{4}$	01109	2	Wrought Steel	6 pair	7 1/2 lbs.
J01623 1/2	2 1/4	Plated	$2\frac{1}{4}$	Simplex	$056\frac{1}{4}$	01109	2	Plated	6 pair	7 lbs.
		Japanned	$2\frac{1}{4}$	Simplex	$056\frac{1}{4}$	01109	2	Plated	6 pair	7 lbs.
								Japanned	6 pair	7 lbs.

Packed with screws.

**1422 to 01621****1519 1/2****1719, 1719 3/4**

No.	Diam. Inches	Material and Finish	Projection Inches	Type Shank	Type Spindle	Rose			Packed in a Box	Weight Dozen Pairs
						No.	Diam. Inches	Material and Finish		
1422	2	Brass or Bronze								
1621	1 3/4	Wrought, Polished	2	Simplex	$056\frac{1}{4}$	1109	2	Brass or Bronze	6 pair	6 3/4 lbs.
1519 1/2	2 1/4	Wrought, Polished	$1\frac{13}{16}$	Standard	36	1108	$1\frac{3}{4} \times 1\frac{3}{8}$	Wrought, Polished	6 pair	5 1/2 lbs.
		Cast, Polished	$2\frac{3}{16}$	PY	56	1118	2	Cast, Polished	4 pair	15 1/4 lbs.
*1719	2 1/4	Wrought, Polished	$2\frac{7}{16}$	TS	56	1122	2	Cast, Polished	4 pair	16 3/4 lbs.
*1719 1/2	2 1/4	Wrought, Polished	$2\frac{7}{16}$	PY	56	1122	2	Cast, Polished	4 pair	16 3/4 lbs.
1719 3/4	2 1/4	Wrought, Polished	$2\frac{7}{16}$	TS	56	1122	2	Cast, Polished	4 pair	15 1/4 lbs.
01422	2	Wrought Steel								
01621	1 3/4	Plated	2	Simplex	$056\frac{1}{4}$	01109	2	Wrought Steel	6 pair	6 3/4 lbs.
		Plated	$1\frac{13}{16}$	Standard	36	01108	$1\frac{3}{4} \times 1\frac{3}{8}$	Plated	6 pair	5 1/2 lbs.
								Plated	6 pair	

Packed with screws. *Steel lined.

Specify number and finish. See pages 1 and 2.



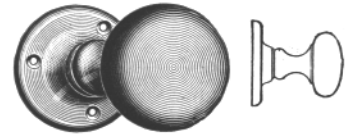
Door Knobs

205

SPINDLE $\frac{5}{16}$ IN.



1425, 01425

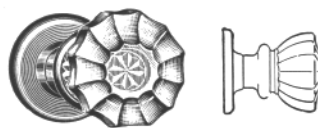


1830

No.	Diam. Inches	Material and Finish	Projec- tion Inches	Type Shank	Type Spindle	Rose			Packed in a Box	Weight Dozen Pairs
						No.	Diam. Inches	Material and Finish		
1425	2	Wrought Brass or Bronze Polished	$1\frac{15}{16}$	Simplex	$056\frac{1}{4}$	1110	$1\frac{3}{4}$	Wrought Brass or Bronze Polished	2 Pair	$8\frac{3}{8}$ lbs.
1830	2	Polished	$2\frac{3}{8}$	French	056	1109	2	Polished	2 Pair	$9\frac{1}{2}$ lbs.
01425	2	Wrought Steel Plated	$1\frac{15}{16}$	Simplex	$056\frac{1}{4}$	1110	$1\frac{3}{4}$	Wrought Steel Plated	2 Pair	$7\frac{1}{2}$ lbs.

Packed with screws.

With Glass Tops



418

No.	Diam. Inches	Shank Material and Finish	Projec- tion Inches	Type Shank	Type Spindle	Rose			Packed in a Box	Weight Dozen Pairs
						No.	Diam. Inches	Material and Finish		
418	2	Wrought Brass or Bronze Polished	$2\frac{3}{8}$	Simplex	056	1109	2	Wrought Brass or Bronze Polished	3 Pair	$11\frac{1}{2}$ lbs.

Packed with screws.

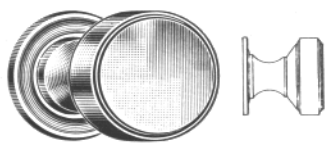
Specify number and finish. See pages 1 and 2.



206

Door Knobs

SPINDLES $\frac{5}{16}$ IN.

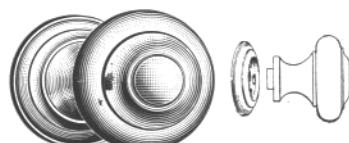


1918

Rose with Concealed Screws



1932

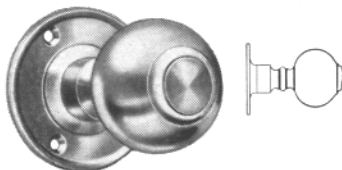


1954

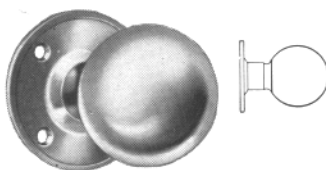
Rose with Concealed Screws

No.	Diam. Inches	Material and Finish	Projec- tion Inches	Type Shank	Type Spindle	Rose			Packed in a Box	Weight Dozen Pairs
						No.	Diam. Inches	Material and Finish		
1918	2	Cast Brass or Bronze Polished	2	Colonial	044	1150	2	Cast Brass or Bronze Polished	2 Pair	16½ lbs.
1932	2	Polished	$2\frac{3}{16}$	French	056¼	1130	1¾	Polished	2 Pair	14 lbs.
1954	3	Polished	$2\frac{5}{8}$	Colonial	044	1147	2½	Polished	2 Pair	30¾ lbs.

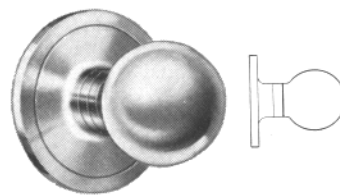
Packed with screws.



1960



1961



Screwless Knob
and Rose
1962

*Type of 1963

No.	Diam. Inches	Material and Finish	Projec- tion Inches	Type Shank	Type Spindle	Rose			Packed in a Box	Weight Dozen Pairs
						No.	Diam. Inches	Material and Finish		
1960	1⅞	Cast Brass or Bronze Polished	$2\frac{15}{16}$	PY	56	1160	2⅝	Cast Brass or Bronze Polished	1	18 lbs.
1961	2	Polished	$2\frac{7}{8}$	PY	56	1161	2⅛	Polished	1	18 lbs.
1962	2	Polished	3	TS	56	1162	3	Polished	1	25½ lbs.
1963	2	Polished	3	TS	56	1163	3	Polished	1	25½ lbs.

Packed with screws.

*Same as 1962 except plain rose. See page 208 for screwless application.

Specify number and finish. See pages 1 and 2.

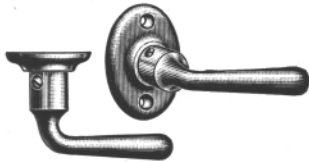


Lever Handles

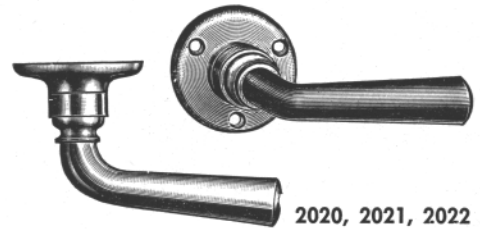
Spindles $\frac{5}{16}$ in.

207

Rev. 6-1-57



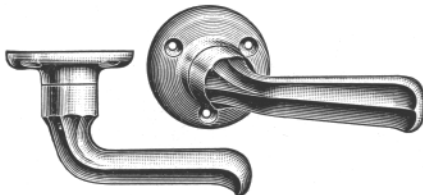
2024, 02024



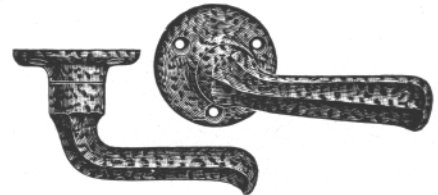
2020, 2021, 2022

No.	†Size Inches	Material and Finish	Projec- tion Inches	Type Shank	Type Splindle	Rose			Packed in a Box	Weight Each
						No.	Size Inches	Material and Finish		
2024	2	Cast Brass or Bronze						Brass or Bronze		
2020	2½	Polished	1½ $\frac{1}{16}$	$\frac{5}{16}$ in. plain	36	1108	1¾x1¾	Wrought, Polished	2 pair	4 oz.
2021	3	Polished	2¾ $\frac{1}{16}$	Simplex	056	1127	1¾	Cast, Polished	2 pair	7 oz.
2022	3¾	Polished	2¼	Simplex	056	1127	1¾	Cast, Polished	2 pair	8½ oz.
		Polished	3	Simplex	056	1118	2	Cast, Polished	2 pair	12 oz.
02024	2	Cast Iron						Wrought Steel		
		Plated	1½ $\frac{1}{16}$	$\frac{5}{16}$ in. plain	36	01108	1¾x1¾	Plated	2 pair	4 oz.

Packed with screws.



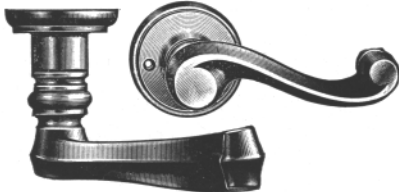
2025



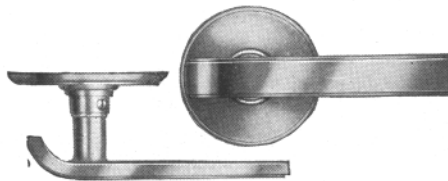
7025, 07025

No.	†Size Inches	Material and Finish	Projec- tion Inches	Type Shank	Type Splindle	Rose			Packed in a Box	Weight Each
						No.	Diam. Inches	Material and Finish		
2025	2⅞	Cast Brass or Bronze						Cast Brass or Bronze		
7025	2⅞	Polished	1⅞	Simplex	056	1120	2	Polished	2 pair	8 oz.
		*Colonium Metal	1⅞	Simplex	056	1125	2	Colonium Metal	2 pair	8 oz.
		Old Iron finish						Old Iron finish		
07025	2⅞	Cast Iron						Cast Iron		
		*Plated	1⅞	Simplex	056	01125	2	Plated	2 pair	8 oz.

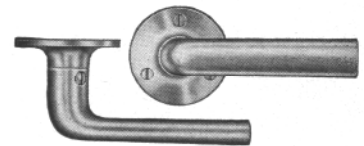
Packed with screws. *HPE finish only.



2009, Right Hand*



2782



2784

No.	†Size Inches	Material and Finish	Projec- tion Inches	Type Shank	Type Splindle	Rose			Packed in a Box	Weight Each
						No.	Diam. Inches	Material and Finish		
2009	3¼	Cast Brass or Bronze						Cast Brass or Bronze		
2782	4	Polished	2⅞	Simplex	056	1129	1¾	Polished	2 pair	10 oz.
2784	4½	Polished	2¼	Simplex	056	2782	3	Polished	2 pair	1 lb.
		Polished	2⅞	Simplex	056	2784	2¼	Polished	2 pair	⅞ lb.

Packed with screws. †Size of lever handle is the length measured from center of spindle to end of lever. *Specify hand.

Specify number and finish. See pages 1 and 2.



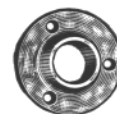
Knob Roses



1108, 01108



1109, 01109



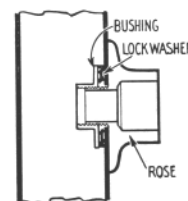
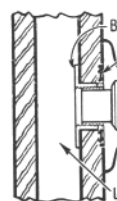
01138

No.	Size Inches	Material and Finish	Height Inches	Use
1108 1109	1 3/4 x 1 3/8 2 Dia.	Wrought Brass or Bronze Polished Polished	5/16 13/32	1621 knob and 2024 lever. For simplex, french shank and glass knobs.
01108 01109	1 3/4 x 1 3/8 2 Dia.	Wrought Steel Plated Plated	5/16 13/32	01621 knobs and 02024 lever. For simplex knobs.
01138	1 3/4 Dia.	Cast Iron HPE Finish only	1/2	For cast iron simplex knobs.

Packed with screws.

1118
1117 same but no
screw holes

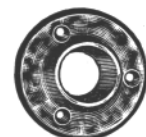
1122, 1124

1121, 1123
†Screwless†Metal Door
Application†Wood
Application1106
with built-in
auxiliary spring

1120, 1127



1129, 1130



*1125, 01125

No.	Diameter Inches	Material and Finish	Height Inches	Use
1106	1 3/4	Cast Brass or Bronze Polished	5/8	For lever handles.
1117	2	Polished	3/4	For use with No. 20 plate and TS knob
1118	2	Polished	3/4	For PY and simplex knobs.
1120	2	Polished	7/16	For lever handles.
1121	2	Polished	3/4	Screwless rose for TS screwless knobs
1122	2	Polished	3/4	For TS screwless knobs.
1123	2 1/2	Polished	3/4	Screwless rose for TS screwless knobs
1124	2 1/2	Polished	3/4	For TS screwless knobs.
1127	1 3/4	Polished	13/32	For lever handles.
1129	1 3/4	Polished	13/32	For lever handles.
1130	1 3/4	Polished	11/32	For french shank knobs.
*1125	2	Colonium metal *Old Iron finish	7/16	For simplex knobs and lever handles.
*01125	2	Cast Iron *Plated	7/16	For simplex knobs and lever handles.

Packed with screws.

*HPE finish only.

Specify number and finish. See pages 1 and 2.



Escutcheons

209

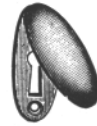
Rev. 6-1-57



2560, 02560
Type of 2660



*74140



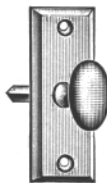
2662

No.	Size Inches	Material and Finish	Keyhole	Packed in a Box	Weight Dozen
2660	1 $\frac{5}{8}$ x 1 $\frac{1}{8}$	Cast Brass or Bronze Polished	Regular and Key Class 306	24	8 oz.
2662	1 $\frac{3}{4}$ x $\frac{3}{4}$	Polished	Regular	12	13 oz.
*74140	1 $\frac{3}{4}$ x 1 $\frac{3}{16}$	Polished	Key Class 306	12	9 oz.
2560	1 $\frac{5}{8}$ x 1 $\frac{1}{8}$	Wrought Brass or Bronze Polished	Regular	24	5 oz.
02560	1 $\frac{5}{8}$ x 1 $\frac{1}{8}$	Wrought Steel Plated	Regular	24	5 oz.

Packed with screws.

*Can be furnished partial dished or fully dished when so ordered.

Thumb Knobs



2148



2142 - 2143



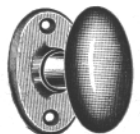
2140, 2145



2147



2144



2138, 2248

No.	Plate Size Inches	Material and Finish	Spindle Inches	Packed in a Box	Weight Dozen
*2138	1 $\frac{7}{8}$ x 1 $\frac{1}{4}$	Cast Brass or Bronze Polished	$\frac{3}{16}$	12	3 lbs.
2142	1 $\frac{1}{2}$ Dia.	Polished	$\frac{3}{16}$	12	.....
2143	1 $\frac{1}{2}$ Dia.	Polished	$\frac{5}{16}$	12	.....
2145	1 $\frac{5}{8}$ x 1 $\frac{1}{8}$	Polished	$\frac{3}{16}$	12	1 $\frac{1}{2}$ lbs.
2147	1 $\frac{1}{2}$ Dia.	Polished	$\frac{3}{16}$	12	1 $\frac{3}{4}$ lbs.
*2148	2 $\frac{3}{4}$ x 1	Polished	$\frac{3}{16}$	12	2 $\frac{1}{4}$ lbs.
*2248	1 $\frac{7}{8}$ x 1 $\frac{1}{4}$	Polished	$\frac{5}{16}$	12	3 $\frac{3}{16}$ lbs.
2140	1 $\frac{5}{8}$ x 1 $\frac{1}{8}$	Wrought Brass or Bronze Polished	$\frac{3}{16}$	12	1 $\frac{1}{4}$ lbs.
2144	1 $\frac{1}{2}$ Dia.	Polished	$\frac{3}{16}$	12	.....

Packed with screws.

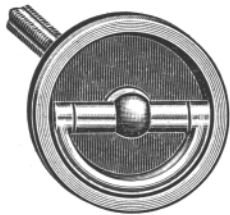
*Knob size: No. 2138 and 2248 1 $\frac{3}{4}$ x 1 $\frac{1}{8}$ in. No. 2148 1 $\frac{1}{8}$ x $\frac{5}{8}$ in.

Specify number and finish. See pages 1 and 2.



210

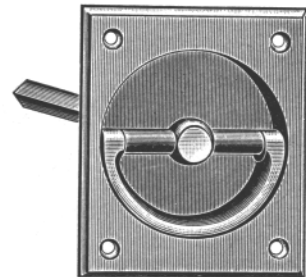
Flush Cup Handles

Spindle $\frac{5}{16}$ in.

1952



1950



1953

No.	Overall Diameter Inches	Material and Finish	Depth of Cup Inches	Projection Back of Flange Inches	Packed in a Box	Weight Dozen
1950	$1\frac{3}{4}$	Cast Brass or Bronze	$\frac{5}{16}$	$\frac{3}{8}$	6	$2\frac{3}{8}$ lbs.
1952	3	Cup Wrought Brass or Bronze Polished	$\frac{1}{2}$	$\frac{7}{16}$	6	$6\frac{3}{4}$ lbs.

Packed with screws.

No.	Plate Size Inches	Material and Finish	Cup Diameter Inches	Depth of Cup Inches	Projection Back of Plate Inches	Packed in a Box	Weight Dozen
1953	3 x 3	Cast Brass or Bronze Polished	$2\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	6	$8\frac{1}{2}$ lbs.

Packed with screws.

Specify number and finish. See pages 1 and 2.



Escutcheons

209

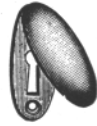
Rev. 6-1-57



2560, 02560
Type of 2660



*74140



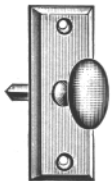
2662

No.	Size Inches	Material and Finish	Keyhole	Packed in a Box	Weight Dozen
2660	1 $\frac{5}{8}$ x 1 $\frac{1}{8}$	Cast Brass or Bronze Polished	Regular and Key Class 306	24	8 oz.
2662	1 $\frac{3}{4}$ x $\frac{3}{4}$	Polished	Regular	12	13 oz.
*74140	1 $\frac{3}{4}$ x 1 $\frac{3}{16}$	Polished	Key Class 306	12	9 oz.
2560	1 $\frac{5}{8}$ x 1 $\frac{1}{8}$	Wrought Brass or Bronze Polished	Regular	24	5 oz.
02560	1 $\frac{5}{8}$ x 1 $\frac{1}{8}$	Wrought Steel Plated	Regular	24	5 oz.

Packed with screws.

*Can be furnished partial dished or fully dished when so ordered.

Thumb Knobs



2148



2142 - 2143



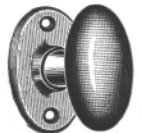
2140, 2145



2147



2144



2138, 2248

No.	Plate Size Inches	Material and Finish	Spindle Inches	Packed in a Box	Weight Dozen
*2138	1 $\frac{7}{8}$ x 1 $\frac{1}{4}$	Cast Brass or Bronze Polished	$\frac{3}{16}$	12	3 lbs.
2142	1 $\frac{1}{2}$ Dia.	Polished	$\frac{3}{16}$	12	.....
2143	1 $\frac{1}{2}$ Dia.	Polished	$\frac{5}{16}$	12	.....
2145	1 $\frac{5}{8}$ x 1 $\frac{1}{8}$	Polished	$\frac{3}{16}$	12	1 $\frac{1}{2}$ lbs.
2147	1 $\frac{1}{2}$ Dia.	Polished	$\frac{3}{16}$	12	1 $\frac{3}{4}$ lbs.
*2148	2 $\frac{3}{4}$ x 1	Polished	$\frac{3}{16}$	12	2 $\frac{1}{4}$ lbs.
*2248	1 $\frac{7}{8}$ x 1 $\frac{1}{4}$	Polished	$\frac{5}{16}$	12	3 $\frac{3}{16}$ lbs.
2140	1 $\frac{5}{8}$ x 1 $\frac{1}{8}$	Wrought Brass or Bronze Polished	$\frac{3}{16}$	12	1 $\frac{1}{4}$ lbs.
2144	1 $\frac{1}{2}$ Dia.	Polished	$\frac{3}{16}$	12	.....

Packed with screws.

*Knob size: No. 2138 and 2248 1 $\frac{3}{4}$ x 1 $\frac{1}{8}$ in. No. 2148 1 $\frac{1}{2}$ x $\frac{5}{8}$ in.

Specify number and finish. See pages 1 and 2.

